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federal support to universities, colleges, and selected nonprofit institutions:
fiscal year 1987

surveys of science resources series
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Telephonic Device for the Deaf

The National Science Foundation (NSF) has Telephonic Device for the Deaf (TDD) capability which enables individuals with hearing impairment to communicate with the Division of Personnel and Management for information relating to NSF programs, employment, or general information. This number is (202) 357-7492.

letter of transmittal

Washington, D.C.

Dear Mr. President:

I have the honor to transmit to you the statistical report, *Federal Support to Universities, Colleges, and Selected Nonprofit Institutions: Fiscal Year 1987*, in accordance with the National Science Foundation Act of 1950, as amended.

Respectfully,

Erich Bloch
Director
National Science Foundation

The Honorable
The President of the United States

Identical letters have been sent to:
The President of the Senate
The Speaker of the House of Representatives

foreword

The National Science Foundation is required by legislative mandate to ". . . initiate and maintain a program for the determination of the total amount of money for scientific research, including money for the construction of facilities, wherein such research is conducted, received by each educational institution and appropriate nonprofit organization in the United States, by grant, contract or other arrangement from agencies of the Federal Government, and to report annually thereon to the President and Congress." To fulfill this requirement, the Foundation assumed responsibility for the data system originally designed by the Committee on Academic Science and Engineering (CASE) of the Federal Council for Science and Technology. The Foundation annually collects statistical data from the 15 Federal agencies that accounted for virtually all support for science/engineering (S/E) research and development at these institutions. This statistical report is the twenty-second in a series presenting data on Federal obligations to universities and colleges. Data on research and development (R&D) funding to nonprofit institutions have been included since 1968.

Institutions of higher education, the major source of the Nation's scientists and engineers, perform about one-half of the Nation's basic research. Therefore, the level, distribution, and characteristics of Federal academic support are of much interest to officials at Federal, State, and local levels and in nongovernmental sectors. Academic administrators depend on these data for information on patterns of support for individual institutions over time and for comparisons with other institutions. Since its inception, this survey system has been the sole source of data on Federal funding to individual institutions for both S/E and non-S/E activities.

We thank the responsible staff members of the participating agencies for their continued cooperation and for their constant efforts to enhance the quality and timeliness of their data submissions.

Erich Bloch
Director
National Science Foundation

January 1989

acknowledgments

This report was prepared by Richard J. Bennof of the Government Studies Group in the Division of Science Resources Studies. The survey and the preparation of the report were supervised by Margaret Grucza, Study Director. Charles Dickens, Head, Surveys and Analysis Section, and William L. Stewart, Division Director, provided guidance.

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General Notes ix

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general notes

The figures shown in these tables represent all categories of direct Federal support to institutions of higher education in the United States. The 15 Federal agencies included here provided virtually all funding for science and engineering (S/E) research and development at universities and colleges.

The fiscal year (FY) 1987 data shown in this report were submitted by the following Federal agencies, listed by the acronyms and abbreviated references under which data were reported for them:

- AID—Agency for International Development
- Commerce—Department of Commerce
- DOD—Department of Defense
- DOT—Department of Transportation
- ED—Department of Education
- EPA—Environmental Protection Agency
- DOE—Department of Energy
- HHS—Department of Health and Human Services
  - ADAMHA—Alcohol, Drug Abuse, and Mental Health Administration
  - CDC—Centers for Disease Control
  - FDA—Food and Drug Administration
  - HRSA—Health Resources and Services Administration
  - NIH—National Institutes of Health
- HUD—Department of Housing and Urban Development
- Interior—Department of the Interior
- Labor—Department of Labor
- NASA—National Aeronautics and Space Administration
- NRC—Nuclear Regulatory Commission
- NSF—National Science Foundation
- USDA—Department of Agriculture

The following abbreviations are used throughout the report:

- FFRDCs—federally funded research and development centers
- FY—fiscal year
- Non-S/E—non-science/engineering
- R&D—research and development
- S/E—science/engineering

Obligations shown for universities and colleges do not include funds obligated to federally funded research and development centers (FFRDCs) administered by academic institutions. FFRDCs are R&D-performing organizations which range from the traditional contractor-owned/contractor-operated (COCO) or Government-owned/contractor-operated (GOCO) organizational structures to various degrees of contractor/Government control and ownership. These organizations are formed to meet a particular R&D objective which cannot be met effectively by existing resources. Academic S/E obligations to these organizations are presented separately, as are R&D obligations to independent nonprofit institutions and nonprofit-administered FFRDCs (tables B-28 through B-38).

Obligations differ from expenditures in that funds allocated by Federal agencies during one fiscal year may be spent by the recipient institution either partially or entirely during one or more subsequent years. Totals presented herein exclude loans to individuals, such as Federal guaranteed student loan programs sponsored by the Department of Education, and Federal employee training and development activities. Also excluded is financial support of an indirect nature, such as funds allocated to State agencies, even though the final recipient of such funds is known to be an academic institution. Tuition support programs such as Pell grants and Supplemental Educational Opportunity Grants (SEOGs) are included in these figures

Data shown in the text or tabulations may not add to the totals or subtotals because of rounding. Obligations reported were rounded to the nearest thousand dollars.

Requests for additional information concerning survey results and for data tapes for the FY 1987 and prior survey years should be directed to Richard J. Bennof at the following address:

Government Studies Group
Division of Science Resources Studies
Room L-602
National Science Foundation
Washington, D.C. 20550
(202) 634-4636

section a.

technical notes

scope of survey

This report presents data collected annually through NSF's Survey of Federal Support to Universities, Colleges, and Selected Nonprofit Institutions, Fiscal Year 1987, covering the period October 1, 1986, through September 30, 1987. The reporting system is based on the program established in 1965 by the Committee on Academic Science and Engineering of the Federal Council for Science and Technology.

The FY 1987 data in this report were submitted by 15 Federal agencies. Data reported by AID, HUD, Labor, NRC, and DOT were combined, because of space constraints, to constitute the "other" category in tables that show funding by agency. In 1987 these five agencies accounted for less than 1 percent of all Federal academic support.

During the FY 1987 survey cycle, ED determined that institutional coding problems in past years have caused their database to produce several large funding trend shifts at specific universities. Most of the large funding changes for academic institutions were from student financial assistance programs (non-S/E activities in this survey). With the corrected database, future reports will be consistent with the current report.

During the FY 1987 survey cycle, DOD determined that some funds reported in prior years as R&D obligations to Johns Hopkins University are more appropriately classified as "other sciences/engineering." These funds were obligated to Johns Hopkins' Applied Physics Lab by the Department of the Navy, primarily for defense systems' evaluations and improvements. Data for FYs 1986, 1985, and 1984 have been revised but DOD was unable to make revisions to data prior to FY 1984. In addition, the FY 1984 R&D total for the Applied Physics Lab was revised downward.

Data for the total and non-S/E obligations reported by ED for the years 1981 through 1983 include revisions made by NSF that provide a more realistic picture of student financial assistance. The Office of Postsecondary Education provided NSF with trend data on student aid through Pell and SEOGs which represented national totals. Detailed data were not available for individual institutions. Therefore, this report has been organized to focus on Federal S/E obligations to individual institutions in the B-series tables, and data on non-S/E activities and total Federal obligations are presented in the C-series tables. Table A-1 indicates the basis for NSF's revised estimates of total and non-S/E obligations for the years 1981 through 1983.

Table A-1. Estimated Federal obligations to universities and colleges: FY 1981-83
[Dollars in millions]

Type of activity	FY 1981	FY 1982	FY 1983
Revised total[1]	$8,641	$8,777	$9,345
Science/engineering	5,063	5,180	5,681
Non-science/ engineering, total[1]	3,578	3,597	3,664
Student financial aid, total	2,319	2,339	2,588
Pell grants	1,989	2,017	2,266
SEOGs	330	322	322
All other non-science/ engineering	1,259	1,258	1,076

[1]Estimated, based on revised data provided by Department of Education.
NOTE: Because of rounding, components may not add to total.
SOURCE: National Science Foundation, SRS

As of October 1, 1979, the Office of Education (OE), the National Institute of Education (NIE), and the Office of the Assistant Secretary of Education were separated from the Department of Health, Education, and Welfare (HEW) and merged to form the Department of Education (ED); the remaining units of HEW were then constituted as the new Department of Health and Human Services (HHS). These changes took effect beginning with the FY 1980 survey.

Data on "research instrumentation" differ from "R&D plant" and are not separately identifiable in this report. "Research instrumentation" funds are for equipment purchased under research project awards from current-fund accounts and are included under totals for "research and development." "R&D plant" in this report refers to large facilities and fixed equipment.

It should be noted that some agencies not surveyed, such as the Department of Justice, may account for a significant proportion of the total receipts at some institutions even though those receipts may comprise a small proportion of the total academic research and development.

Data are shown for Federal obligations to the 97 institutions classified as historically black universities and colleges by year (table C-18), by type of activity (table C-19), by agency (table C-20), and by R&D obligations (tables B-24, B-25, and B-26).

Howard University and Gallaudet College receive substantial appropriations from Congress each year for general operating expenses; thus, their relatively high rankings shown in these tables reflect the magnitude of their non-S/E programs.

Obligations figures listed for individual institutions reflect direct Federal support, so that amounts subcontracted to other institutions are included. Those funds received via subcontract arrangements from prime contractors, however, are excluded.

Federal obligations to institutions are presented on the basis of the individual institutions that comprise the system, but obligations awarded directly to the central administration of a system are listed separately. If the funding agency does not know of the final destination of the funds, however, the agencies report the funds as obligations to a system's administrative office, or "central system," from which the funds are distributed to the system's individual institutions. The 15 agencies in 1987 reported obligations to 2,839 universities and colleges and to 40 system offices.

In 1987, NSF continued the policy of sending each graduate institution a copy of its "Institutional Profile" which shows obligations reported by each funding agency over a 7-year period. The profile also includes the results reported in previous years by the institution on NSF's two other surveys of institutions of higher education; these cover R&D expenditures and graduate S/E students and postdoctorates. Institutional administrators are given the opportunity to verify the accuracy of agency reporting and to resolve inconsistencies.

relationship of this survey to the survey of federal funds for research and development

The data presented in this report differ in several ways from those presented in the annual NSF survey, Federal Funds for Research and Development, referred to hereafter as the Federal Funds survey:

1. At the close of each fiscal year, the Federal Support survey collects data on *all* Federal obligations to institutions of higher education by the 15 Federal agencies that are heavily involved in S/E support to academic institutions. The Federal Funds survey gathers data on budgets for research and development and R&D plant from all 33 Federal agencies that have such programs. Also, the Federal Funds series presents separate data on funding according to character of work —basic research, applied research, and development—by type of performers, without listing individual academic recipients. Such data are not collected in the Federal Support survey.
2. NIH reports its General Research Grants Program under "general support for science/engineering" in the Federal Support survey but under "research and development" in the Federal Funds survey.
3. Interagency transfers of funds obligated to an academic or nonprofit institution are reported in the Federal Support survey by the agency that actually obligates the funds to an institution. In the Federal Funds reports, the initiating agency reports the obligations. Federal Support survey data are generally processed from award files, whereas Federal Funds information is usually derived from agency budget documents.

definitions

Universities and colleges are those institutions of higher education in the United States that offer at least one year of college-level study leading toward a degree. A university or college comprises all parts of an academic institution, such as colleges of liberal arts, professional schools, hospitals, schools of agriculture, agricultural experiment stations, etc., including bureaus, offices, and research centers (excluding FFRDCs), whether located on or off the main campus, and branch campuses controlled directly by the parent institution. The universe of academic institutions that is the foundation of this survey is derived from the higher education institutions' portion of ED's Integrated Postsecondary Education Data System (IPEDS) sponsored by the National Center for Education Statistics (NCES), and the *1987 Higher Education Directory*, published by Higher Education Publications, Inc. Institutions included are those that received Federal support during FY 1987 and possessed a significant degree of academic and administrative autonomy.

Therefore, institutions within a system (group of institutions having a collective legal status and generally recognized by a State government, a board of education, or other relevant organization), where a significant degree of autonomy remains at the individual institution level, are presented separately; obligations to branch campuses are included in the totals for their parent institutions. The study excludes all obligations to the service academies and to the USDA Graduate School.

Independent nonprofit institutions included in this report total 641 plus 8 FFRDCs administered by nonprofit organizations. They are legal entities other than universities and colleges, are privately organized or chartered to serve the public interest, and are exempt from most forms of Federal taxation.

Coverage of the nonprofit section in the Federal Support survey was expanded in recent years to include all types of nonprofit institutions that receive Federal R&D funds. For NSF purposes, the types of institutions are defined as follows:[1]

1. **Research institute.** A separately incorporated, independent nonprofit organization operating under the direction of its own controlling body, the primary function of which is the performance of research and development in the sciences and engineering.

2. **Voluntary hospital.** A member of the American Hospital Association not subject to the control of either Federal, State, or local governments, nor an integral part of any institution of higher education. Hospitals which have been set up by research institutes and which, while providing patient care, function primarily as laboratories for the research institutes, are included in the "Research Institutes" category (#1).

3. **Other independent nonprofit institutions.**

(a) **Professional or technical society, or academy of science/engineering.** A voluntary association of individuals sharing a common interest in the advancement of knowledge, either within a single field or across a broad spectrum of disciplines. The major function of these organizations is to aid and encourage the collection, collation, and dissemination of S/E knowledge for the benefit of their members and the community as a whole.

(b) **Private foundation.** A nongovernmental, nonprofit organization having a principal fund of its own, managed by its own trustees or directors, and established to maintain or to aid social, educational, charitable, religious, or other activities serving the common welfare. This organizational type includes operating foundations, which allocate the greater proportion of their R&D budgets to intramural performance, and philanthropic foundations, which allocate most of their funds to grants and contracts for research to be performed extramurally.

(c) **Science exhibitor.** A nonprofit organization which has as its primary goal the expansion of scientific literacy within its community by providing exhibits that display and interpret the latest scientific findings within its field or fields. Included in this category are museums, zoological parks, botanical gardens, and arboretums.

(d) **Trade association.** An organization of business competitors in a specific industry or business, primarily interested in the commercial promotion of products or services. Membership is usually held in the name of a business entity. Its activities may fall into one or more of the following areas: Business ethics, management practices, standardization, commercial (i.e., statistical) research, publication, promotion, and public relations.

(e) **Agricultural cooperative.** An organization of individuals or business entities nominally competitors in the production and sale of agricultural products. Its activities may include one or more of the following areas: Collective marketing or purchasing, research, public relations, and the improvement of the economic condition of the farm population of the United States.

4. **Federally funded research and development center (FFRDC).** An R&D organization that was established to meet the particular research needs of a Federal agency.

Data presented for "selected nonprofit institutions" and for nonprofit-administered FFRDCs represent obligations for research and development and R&D plant by the 15 participating agencies, regardless of amount.

FFRDCs in this report are organizational units administered by universities and colleges or other nonprofit institutions. These units have been established, in general, to achieve a particular R&D objective of a Federal agency. Uniform identification and classification criteria have been developed for use by all sponsoring agencies.

To qualify as a unit in this category, the FFRDC must be engaged in basic or applied research, development, or management of R&D activities and the results must be directly monitored by the Federal Government, usually a single agency, in a relationship expected to be maintained on a long-term basis. The activity is operated, managed, and/or administered by either a university or consortium of universities as an autonomous organization or as an identifiable separate operating unit of its parent institution. The majority of the activity's financial support—70 percent or more—is received from the Federal Government. In general, most or all of the facilities are owned by the Government or funded, under contract, by the Government.

This report includes data on 17 FFRDCs administered by universities

[1] National Science Foundation, *R&D Activities of Independent Nonprofit Institutions, 1973* (NSF 75-308) (Washington, D.C.: Supt. of Documents, U.S. Government Printing Office, 1975).

and colleges and 8 by nonprofit institutions. Of the academic-administered FFRDCs, 9 were managed by individual institutions, 7 by consortia of universities, and 1, Argonne National Laboratory, was jointly managed by the University of Chicago and Argonne Universities Association. Prior to FY 1978, the Applied Physics Laboratory (APL) and the Applied Research Laboratory (ARL) were categorized as FFRDCs. Beginning with the 1978 study, APL and ARL were reclassified into the academic sector as part of Johns Hopkins University and Pennsylvania State University, respectively.

Obligations to FFRDCs administered by universities represent academic S/E obligations only; non-S/E obligations, if any, are not reported.

Academic science/engineering includes all obligations for the following activities: Research and development; R&D plant; facilities and equipment for instruction in the sciences and engineering; fellowships, traineeships, and training grants; general support for science and engineering; and other S/E activities. These activities are defined as follows:

(a) **Research and development** includes all research activities, both basic and applied, and all development activities that are supported at universities and colleges. Demonstration projects conducted to discover whether a technology or method is workable are considered to be within the scope of research and development if their objective is to produce new information within a specific time period. "Research" is defined as systematic study directed toward fuller scientific knowledge or understanding of the subject studied. Research can be classified as basic or applied, although data reported here are not separated into these categories. In basic research, the investigation is oriented toward gaining a better knowledge or understanding of the subject under study. In applied research, the investigation is aimed at discovering practical uses of the knowledge gained to meet a recognized need. "Development" is the systematic use of knowledge and understanding gained from research directed toward the production of useful materials, devices, systems, or methods, including design and development of prototypes and processes. Research and development exclude topographic mapping and surveys, collection of general-purpose statistics, and activities concerned primarily with the dissemination of scientific information. Also excluded are routine product testing, quality control, and R&D facilities and fixed equipment. "Research equipment" is included as part of research and development. "Research equipment" includes any item (or interrelated collection of items comprising a system) of nonexpendable tangible property or software having a useful life of more than two years and an acquisition cost of $500 or more which is used wholly or in part for research. Research and development in the arts and humanities are excluded from this category but are included in "non-science/engineering activities."

(b) **R&D plant** includes all costs—direct, indirect, and related—of all projects whose main objective is to provide support for the construction, acquisition, renovation, modification, repair, or rental of facilities, land, works, or equipment for use in scientific or engineering research and development. A facility is interpreted broadly to be any physical resource important to the conduct of research and development. Excluded are expendable research equipment and office furniture and equipment.

(c) **Facilities and equipment** for instruction in the sciences/engineering includes all programs whose main purpose is to provide support for the construction, acquisition, renovation, modification, repair, or rental of facilities, land, works, or equipment for use in instruction in science and engineering.

(d) **Fellowships, traineeships, and training grants** include graduate programs in support of the development and maintenance of S/E personnel resources. The total amounts pertaining to such awards (stipends and cost-of-education allowances) are reported on the basis of the institution chosen by the recipient. Excluded are programs that support research and education institutes, seminars, and conferences such as teacher-training activities provided through teacher institutes, short courses, research participation, and inservice seminars; activities aimed at the development of education techniques and materials for use in S/E training; and programs that provide special opportunities for increasing the scientific knowledge and experience of precollege and undergraduate students. These activities are included in "other science/engineering activities," or if not S/E-oriented, in "non-science/engineering activities."

(e) **General support for science/engineering** includes programs that support nonspecific or generalized purposes related to scientific research and education. Such projects are generally oriented toward academic departments, institutes, or institutions as a whole, and embody varying types of support—ranging from support provided without any specification of purpose other than that the funds be used for scientific projects, to projects that provide funds for activities within a specified field of science/engineering without a specific purpose. NIH's Biomedical Sciences Support Grants and General Research Support Grants are examples of these types of programs.

(f) **Other S/E activities** include all academic S/E activities that cannot meaningfully be assigned to one of the preceding five categories. Types of activities included are obligations in support of technical conferences, teacher institutes, and activities aimed at increasing the scientific knowledge of precollege and undergraduate students.

(g) **Non-S/E activities** include all other obligations excluded from the six foregoing categories defined but which represent direct funding (excluding loans) from a Federal agency to an academic institution for activities or purposes not specifically re-

lated to science and engineering. Included are all obligations for research, education, and facilities in the arts and humanities, as well as generalized projects for which the proportion utilized for S/E activities is unknown.

fields of science/ engineering

Engineering is concerned with studies directed toward developing engineering principles or toward making specific scientific principles usable in engineering practice. Engineering is divided into eight fields: Aeronautical, astronautical, chemical, civil, electrical, mechanical, metallurgy and materials, and engineering not elsewhere classified. Examples of disciplines under each of these fields are as follows:

Aeronautical—aerodynamics

Astronautical—aerospace; space technology

Chemical—petroleum; petroleum refining; process

Civil—architectural; hydraulic; hydrologic; marine; sanitary and environmental; structural; transportation

Electrical—communication; electronic; power

Mechanical—engineering mechanics

Metallurgy and materials—ceramic; mining; textile; welding

Engineering, n.e.c.[2]—agricultural; bioengineering; biomedical; industrial and management; nuclear; ocean engineering; systems

Physical sciences are concerned with the understanding of the material universe and its phenomena. They comprise the fields of astronomy, chemistry, physics, and physical sciences not elsewhere classified. Examples of disciplines under each of these fields are as follows:

Astronomy—laboratory astrophysics; optical astronomy; radio astronomy; theoretical astrophysics; X-ray, Gamma-ray, neutrino astronomy

Chemistry—inorganic; organometallic; organic; physical

Physics—acoustics; atomic and molecular; condensed matter; elementary particles; nuclear structure; optics; plasma

Physical sciences, n.e.c.[2]

Mathematical sciences and computer sciences employ logical reasoning with the aid of symbols and are concerned with the development of methods of operations employing such symbols, and in the case of computer sciences, with the application of such methods to automated information systems.

Mathematical sciences—algebra; analysis; applied mathematics; foundations and logic; geometry; numerical analysis; statistics; topology

Computer sciences—programming languages; computer and information sciences (general); design, development, and application of computer capabilities to data storage and manipulation; information sciences and systems; systems analysis

Mathematical and computer sciences, n.e.c.[2]

Environmental sciences—(terrestrial and extraterrestrial) are concerned with the gross nonbiological properties of the areas of the solar system that directly or indirectly affect man's survival and welfare; they comprise the fields of atmospheric sciences, geological sciences, oceanography, and environmental sciences not elsewhere classified. Note that all obligations in support of oceanography, whether physical or biological, are reported under oceanography. Examples of disciplines under each of these fields are as follows:

Atmospheric sciences—aeronomy; solar; weather modification; extraterrestrial atmospheres; meteorology

Geological sciences—engineering geophysics; general geology; geodesy and gravity; geomagnetism; hydrology; inorganic geochemistry; isotopic geochemistry; organic geochemistry; laboratory geophysics; paleomagnetism; paleontology; physical geography and cartography; seismology; soil sciences

Oceanography—biological oceanography; chemical oceanography; geological oceanography; physical oceanography; marine geophysics

Environmental sciences, n.e.c.[2]

Life sciences consists of five detailed fields: Biological (excluding environmental), environmental biology, agricultural, medical, and life sciences not elsewhere classified. Examples of the disciplines under each of these fields are as follows:

Biological sciences (excluding environmental biology)— anatomy; biochemistry; biology; biometry and biostatistics; biophysics; botany; cell biology; entomology and parasitology; genetics; microbiology; neuroscience (biological); nutrition; physiology; zoology; other biological, n.e.c.[2]

Environmental biology—ecosystem sciences; evolutionary biology; limnology; physiological ecology; population biology; population and biotic community ecology; systematics; other environmental biology, n.e.c.[2]

Agricultural sciences—agronomy; animal sciences; food science and technology; fish and wildlife; forestry; horticulture; plant sciences; soils and soil science; phytopathology; phytoproduction; agriculture, general; other agriculture, n.e.c.[2]

Medical sciences—internal medicine, neurology, obstetrics and gynecology; ophthalmology; otolaryngology; pediatrics; preventive medicine; pathology; pharmacology; psychiatry; radiology; surgery; dentistry; pharmacy; veterinary medicine; other medical, n.e.c.[2]

Life sciences, n.e.c.[2]

Psychology deals with behavior, mental processes, and individual and group characteristics and abilities.

[2] Not elsewhere classified. To be used for multidisciplinary projects within the primary field and for single discipline projects for which a separate discipline code has not been assigned.

Psychology is divided into three categories: biological aspects, social aspects, and psychological sciences, not elsewhere classified. Examples of the disciplines under each of these fields are as follows:

Biological aspects—experimental psychology; animal behavior; clinical psychology; comparative psychology; ethology

Social aspects—social psychology; educational, personnel, vocational psychology and testing; industrial and engineering psychology; development and personality

Psychological sciences, n.e.c.[2]

Social sciences are directed toward an understanding of the behavior of social institutions and groups and of individuals as members of a group. Social sciences include anthropology, economics, history, linguistics, political science, sociology, and social sciences not elsewhere classified. Examples of disciplines under the fields of social sciences are as follows:

Anthropology—archaeology; cultural and personality; social and ethnology; applied anthropology

Economics—econometrics and economic statistics; history of economic thought; international economics; industrial, labor, and agricultural economics; macroeconomics; microeconomics; public finance and fiscal policy; theory; economic systems and development

History—history and philosophy of science

Linguistics — anthropological-archeological; computational; psycholinguistics; sociolinguistics

Political science—area or regional studies; comparative government; history of political ideas; international relations and law; national political and legal systems; political theory; public administration

Sociology—comparative and historical; complex organizations; culture and social structure; demography; group interactions; social problems and social welfare; sociological theory

Social sciences, n.e.c.[2]—research in law and education not elsewhere classified; socioeconomic geography.

Other sciences, n.e.c.[2]—to be used for multidisciplinary and interdisciplinary projects that cannot be classified within one of the above broad fields of science/engineering.

ffrdcs

A list of university-managed FFRDCs is shown below. This list is based on the findings of an interagency task force formed to study this area and has been amended over time (most recently in the FY 1987 data base) to reflect institutional changes. The Director, Division of Science Resources Studies, NSF, should be advised of any changes in the status of the centers.

department of defense

department of the air force

Lincoln Laboratory
(Massachusetts Institute of Technology)
Lexington, Massachusetts
Software Engineering Institute
(Carnegie Mellon University)
Pittsburgh, Pennsylvania

department of energy

Ames Laboratory
(Iowa State University of Science and Technology)
Ames, Iowa
Argonne National Laboratory
(University of Chicago and Argonne Universities Association)
Argonne, Illinois
Brookhaven National Laboratory
(Associated Universities, Inc.)
Upton, Long Island, New York
Continuous Electron Beam Accelerator Facility
(Southeastern Universities Research Association)
Newport News, Virginia
E. O. Lawrence Berkeley Laboratory
(University of California)
Berkeley, California
E. O. Lawrence Livermore Laboratory
(University of California)
Livermore, California
Fermi National Accelerator Laboratory
(University Research Association, Inc.)
Batavia, Illinois
Los Alamos Scientific Laboratory
(University of California)
Los Alamos, New Mexico
Oak Ridge Institute of Nuclear Studies
(Oak Ridge Associated Universities)
Oak Ridge, Tennessee
Plasma Physics Laboratory
(Princeton University)
Princeton, New Jersey
Stanford Linear Accelerator Center
(Stanford University)
Stanford, California

national aeronautics and space administration

Jet Propulsion Laboratory
(California Institute of Technology)
Pasadena, California

national science foundation

National Optical Astronomy Observatory
(Association of Universities for Research in Astronomy, Inc.)
Tucson, Arizona
National Astronomy and Ionosphere Center
(Cornell University)
Arecibo, Puerto Rico
National Center for Atmospheric Research
(University Corporation for Atmospheric Research)
Boulder, Colorado
National Radio Astronomy Observatory
(Associated Universities, Inc.)
Green Bank, West Virginia

section b.

detailed statistical tables

To obtain accurate historical data use only the latest detailed statistical tables (covering FY 1987) and not data published earlier. Data presented in trend tables are assembled from the most recently completed survey cycle. Data for prior years are reviewed for consistency with current-year responses and, when necessary, are revised in consultation with agencies and/or institutions. For that reason, references to prior-years' data should be restricted to those published in this document.

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FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES

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ACADEMIC SCIENCE/ ENGINEERING OBLIGATIONS

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TABLE B-1. — FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES BY TYPE OF ACTIVITY: FISCAL YEARS 1963-87 1/

(DOLLARS IN THOUSANDS)

FISCAL YEAR	TOTAL OBLIGATIONS	ACADEMIC SCIENCE/ENGINEERING							NON-SCIENCE/ ENGINEERING ACTIVITIES
		TOTAL ACADEMIC SCIENCE/ ENGINEERING	RESEARCH AND DEVELOPMENT 2/	R&D PLANT 2/	FACILITIES FOR INSTRUCTION IN SCIENCE & ENGINEERING	FELLOW-SHIPS, TRAINEE-SHIPS, & TRAINING GRANTS	GENERAL SUPPORT FOR SCIENCE/ ENGINEERING	OTHER SCIENCE/ ENGINEERING ACTIVITIES 2/	
1963	1,413,015	1,328,511	829,524	105,896	(3)	(3)	(3)	393,091	84,504
1964	1,624,963	1,528,604	975,597	100,837	(3)	(3)	(3)	452,170	96,389
1965	2,305,455	1,816,171	1,094,963	126,196	(3)	(3)	(3)	595,012	489,284
1966	3,009,950	2,163,504	1,252,146	114,767	(3)	365,560	(3)	431,031	846,446
1967	3,317,709	2,323,795	1,301,242	111,309	(3)	447,236	(3)	464,008	993,914
1968	3,386,637	2,349,817	1,398,305	96,148	(3)	440,895	(3)	414,469	1,036,820
1969	3,462,370	2,361,399	1,474,681	54,516	(3)	436,270	(3)	395,932	1,100,971
1970	3,236,612	2,187,579	1,446,618	44,778	(3)	429,408	(3)	266,775	1,049,033
1971	3,498,996	2,343,129	1,951,391	29,942	28,729	421,029	99,669	212,369	1,155,467
1972	4,144,692	2,599,111	1,853,085	36,917	26,341	387,888	83,288	211,592	1,545,581
1973	3,839,102	2,464,362	1,870,690	43,338	13,372	287,210	38,964	210,788	1,374,740
1974	4,480,372	2,736,984	2,085,204	29,009	3,906	326,600	86,974	205,691	1,743,388
1975	4,547,191	2,805,783	2,246,088	44,787	5,026	201,273	46,353	262,256	1,741,408
1976	5,402,764	2,959,656	2,430,970	23,899	3,210	174,871	74,483	252,223	2,443,108
1977	6,489,735	3,351,337	2,803,017	36,471	3,282	184,671	75,928	247,968	3,138,398
1978	7,471,843	3,959,832	3,385,770	34,328	4,906	205,925	74,398	254,505	3,512,011
1979 4/.....	7,603,908	4,472,659	3,873,514	32,068	6,743	204,866	92,483	262,985	3,131,249
1980	8,298,804	4,790,972	4,160,543	37,780	3,776	210,121	91,541	287,211	3,507,832
1981 4/.....	8,640,925	5,062,856	4,410,931	27,694	4,563	205,448	92,721	321,499	3,578,069
1982 4/.....	8,776,978	5,179,610	4,554,475	31,200	829	176,582	80,137	336,387	3,597,368
1983 4/.....	9,344,618	5,680,631	5,024,330	37,547	2,522	189,616	94,847	331,769	3,663,987
1984	10,039,468	6,308,014	5,448,821	49,764	1,889	194,895	112,588	500,057	3,731,454
1985	10,971,593	7,257,862	6,246,181	113,932	4,947	253,082	119,171	520,549	3,713,731
1986	11,619,146	7,430,775	6,456,646	105,827	4,990	246,196	111,130	505,986	4,188,371
1987	13,466,952	8,565,038	7,240,090	229,875	13,722	290,942	236,933	553,476	4,901,514

1/ NOTE THAT SOME TREND SHIFTS ARE RELATED TO INSTITUTIONAL RECLASSIFICATION. AS OF 1978, TWO LABORATORIES FORMERLY CONSIDERED ACADEMICALLY ADMINISTERED FEDERALLY FUNDED RESEARCH AND DEVELOPMENT CENTERS (FFRDC'S) BECAME PART OF THEIR RESPECTIVE INSTITUTIONS: APPLIED PHYSICS LABORATORY (JOHNS HOPKINS UNIVERSITY) AND APPLIED RESEARCH LABORATORY (PENNSYLVANIA STATE UNIVERSITY). DATA FOR THESE LABORATORIES ARE THUS INCLUDED IN THE ACADEMIC FIGURES FOR 1978-87, BUT EXCLUDED FOR PRIOR YEARS. SIMILARLY, DRAPER LABORATORIES SEPARATED FROM THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY AS OF FISCAL YEAR 1974 TO BECOME AN INDEPENDENT NONPROFIT INSTITUTION; ACADEMIC DATA SHOWN FOR 1963-73 INCLUDE DRAPER LABORATORIES, WHILE THOSE FOR 1974-87 DO NOT.

2/ SEE TECHNICAL NOTES, SCOPE OF SURVEY.

3/ NOT SEPARATELY IDENTIFIED BUT INCLUDED UNDER "OTHER SCIENCE/ ENGINEERING ACTIVITIES".

4/ TOTAL AND NON-SCIENCE/ENGINEERING OBLIGATIONS WERE ESTIMATED BASED ON REVISED DATA FROM THE DEPARTMENT OF EDUCATION.

SOURCE: NATIONAL SCIENCE FOUNDATION, SRS

TABLE B-3. — FEDERAL ACADEMIC SCIENCE/ENGINEERING OBLIGATIONS TO UNIVERSITIES AND COLLEGES BY TYPE OF ACTIVITY AND AGENCY: FISCAL YEARS 1963-87 1/

(DOLLARS IN MILLIONS)

ACTIVITY & YEAR	TOTAL	USDA	CDM	DOD 2/	OEO	ED 2/	DOE 3/	EPA	HHS	HUD	INT	AID	LABOR	NASA	NSF	NRC	DOT
TOTAL ACADEMIC SCIENCE/ ENGINEERING																	
1963	1,328.5	104.0	1.8	218.0	-	-	76.1	-	581.0	-	3.8	-	-	87.4	256.3	-	-
1964	1,528.6	115.0	1.7	258.1	-	-	79.9	-	683.8	-	5.1	-	-	107.6	277.5	-	-
1965	1,816.2	135.6	2.6	267.9	-	-	84.4	-	856.5	-	9.6	-	-	134.3	325.2	-	-
1966	2,163.5	141.0	2.8	278.0	-	-	96.9	-	1,109.2	-	19.1	-	-	142.2	374.5	-	-
1967	2,323.8	144.8	4.4	264.1	-	-	109.6	-	1,251.0	-	23.9	-	-	131.5	394.5	-	-
1968	2,349.8	144.2	8.0	243.1	12.5	-	119.7	-	1,229.4	1.7	28.2	-	6.6	129.8	422.8	-	3.7
1969	2,361.4	135.9	2.2	278.7	9.3	-	121.0	-	1,261.8	1.1	24.3	3.9	9.1	127.2	367.0	-	-
1970	2,187.6	132.1	3.9	265.5	18.9	-	114.5	-	1,036.7	.5	27.7	5.5	3.5	131.2	387.4	-	10.1
1971	2,343.1	214.6	7.6	249.0	16.4	-	105.8	27.2	1,142.3	.7	22.6	19.1	5.2	134.1	387.7	-	10.8
1972	2,599.1	238.6	26.0	243.9	8.3	-	95.3	23.3	1,318.5	1.5	24.3	18.7	7.3	119.0	458.7	-	15.9
1973	2,464.4	256.8	28.4	232.9	8.7	-	96.2	27.7	1,225.0	.9	23.7	10.7	6.3	111.4	419.6	-	15.9
1974	2,737.0	260.7	29.4	184.4	4.1	-	99.5	30.9	1,515.4	.6	23.8	19.9	7.1	98.9	449.6	-	12.8
1975	2,805.8	290.7	25.8	190.5	-	-	124.3	38.8	1,467.3	2.3	28.8	12.4	5.5	108.0	490.5	**	20.8
1976	2,999.7	328.6	38.2	211.9	-	-	144.1	33.0	1,522.2	1.4	28.2	13.5	4.5	118.9	496.3	3.2	15.7
1977	3,351.3	343.2	32.5	267.3	-	-	208.1	46.3	1,686.5	4.3	29.5	24.4	7.2	121.0	565.8	4.5	10.9
1978	3,959.8	391.7	35.9	452.3	-	-	267.2	54.7	1,900.8	10.5	42.5	28.1	12.6	130.5	607.1	8.4	17.5
1979	4,472.7	422.5	47.3	528.7	-	-	273.9	66.7	2,216.0	4.0	40.1	28.5	11.1	143.9	671.6	6.9	11.4
1980	4,791.0	444.1	51.6	595.9	-	48.0	309.6	81.5	2,281.1	4.3	42.4	38.6	10.3	171.2	726.4	7.0	19.1
1981	5,062.9	491.4	51.8	726.0	-	56.1	310.4	67.5	2,363.6	3.0	34.2	31.3	12.9	183.5	695.1	7.4	28.5
1982	5,179.6	529.7	40.6	857.3	-	35.6	288.2	83.8	2,332.8	2.6	28.3	50.4	8.4	176.9	728.1	5.0	12.0
1983	5,680.6	566.0	51.0	940.2	-	34.9	320.0	80.3	2,602.2	1.5	32.0	43.4	6.4	303.8	798.8	4.7	25.4
1984	6,308.0	607.4	105.8	954.6	-	43.6	348.4	51.9	2,934.1	.2	32.2	56.3	3.1	216.6	935.6	4.6	13.6
1985	7,257.9	652.8	81.2	1,061.1	-	69.6	451.7	65.2	3,440.0	.2	33.1	57.0	3.4	251.0	1,078.7	5.4	7.6
1986	7,430.8	620.7	70.3	1,206.2	-	74.0	420.5	70.8	3,536.0	.1	40.9	44.3	3.7	270.3	1,055.8	3.8	13.5
1987	8,565.0	674.7	93.6	1,278.5	-	280.8	474.0	74.3	4,193.3	.1	39.4	53.3	8.3	309.8	1,069.5	3.9	10.8
RESEARCH AND DEVELOPMENT																	
1963	829.5	40.6	1.5	218.0	-	-	68.3	-	332.9	-	3.8	-	-	99.8	104.6	-	-
1964	975.6	47.5	1.1	258.1	-	-	70.5	-	399.2	-	5.0	-	-	78.2	115.8	-	-
1965	1,095.0	59.1	2.1	267.9	-	-	74.8	-	441.9	-	9.5	-	-	100.6	139.2	-	-
1966	1,252.1	62.9	2.1	278.0	-	-	83.2	-	507.3	-	18.7	-	-	107.4	192.5	-	-
1967	1,301.2	64.0	3.4	264.1	-	-	89.7	-	577.0	-	23.9	-	-	109.0	170.2	-	-
1968	1,398.3	62.2	6.7	243.1	12.5	-	101.8	-	619.1	1.0	27.8	-	6.6	126.1	187.7	-	3.7
1969	1,474.7	63.6	1.7	278.7	9.3	-	103.1	-	667.1	1.0	23.5	3.9	9.1	122.3	191.5	-	-
1970	1,446.6	67.4	3.2	265.5	18.9	-	101.4	-	614.9	.5	27.1	5.5	3.5	127.4	201.2	-	10.1
1971	1,551.4	74.8	6.9	249.0	16.4	-	95.9	17.0	695.7	.7	21.3	17.1	3.3	128.8	216.9	-	8.0
1972	1,853.1	88.6	23.6	243.9	8.3	-	86.8	17.7	879.4	1.5	23.0	13.5	7.3	112.4	334.7	-	12.4
1973	1,870.7	93.8	24.9	232.9	8.7	-	85.2	18.6	903.8	.9	22.2	8.4	5.0	102.6	348.5	-	15.2
1974	2,095.2	96.7	26.6	184.4	3.4	-	94.6	24.4	1,129.0	.6	22.2	18.4	5.6	92.0	376.1	-	11.5
1975	2,244.1	110.5	22.2	190.5	-	-	119.2	33.8	1,205.2	2.3	27.2	8.3	4.0	100.2	404.6	.0	18.1
1976	2,431.0	124.2	29.0	211.9	-	-	138.1	29.3	1,296.2	1.4	25.7	10.7	3.0	106.8	436.6	3.2	14.9
1977	2,803.0	142.2	32.2	267.3	-	-	187.2	45.0	1,452.1	4.3	27.4	20.2	7.2	113.7	491.0	3.8	9.6
1978	3,385.8	175.3	35.0	452.3	-	-	251.1	51.1	1,657.6	10.5	34.3	24.9	12.6	124.7	531.5	8.4	16.4
1979	3,873.5	193.8	45.9	528.7	-	-	256.4	60.9	1,966.5	4.0	35.3	28.0	11.1	137.2	587.8	6.5	11.4
1980	4,160.5	211.8	50.4	595.9	-	48.0	279.6	76.9	2,025.6	4.3	38.8	38.6	10.3	161.3	633.9	6.1	19.1
1981	4,410.9	241.4	51.1	700.5	-	56.1	281.8	64.2	2,112.8	3.0	30.2	31.3	12.9	173.9	616.8	7.0	27.8
1982	4,954.5	256.5	39.7	813.7	-	35.6	265.2	78.1	2,110.6	.5	21.5	50.4	8.4	167.7	689.8	5.0	11.7
1983	5,024.3	273.9	50.1	913.3	-	34.9	296.6	45.3	2,360.3	1.1	20.8	43.4	6.4	189.4	759.1	4.7	25.1
1984	5,448.8	273.0	75.6	827.8	-	43.6	317.1	47.3	2,681.4	.2	32.2	56.3	3.1	203.8	869.6	4.6	13.2
1985	6,246.2	300.4	79.7	908.9	-	69.6	373.1	61.9	3,098.6	.2	32.9	57.0	3.4	237.3	1,011.1	4.9	7.2
1986	6,456.6	290.1	68.3	1,095.0	-	72.2	346.9	67.9	3,212.1	.1	40.9	44.3	3.7	254.0	983.9	3.8	13.2
1987	7,240.1	296.0	91.8	1,098.9	-	85.2	370.5	67.1	3,833.8	.1	39.4	53.3	8.3	293.6	987.5	3.9	10.6

SEE FOOTNOTES AT END OF TABLE.

TABLE B-2. — FEDERAL ACADEMIC SCIENCE/ENGINEERING OBLIGATIONS TO UNIVERSITIES AND COLLEGES BY TYPE OF ACTIVITY AND AGENCY: FISCAL YEARS 1963-87 1/

(DOLLARS IN MILLIONS)

CONTINUED

ACTIVITY & YEAR	TOTAL	USDA	CDM	DOD 2/	OEO	ED 2/	DOE 3/	EPA	HHS	HUD	INT	AID	LABOR	NASA	NSF	NRC	DOT
R&C PLANT 2/																	
1963	105.9	0.0	0.0	0.0	-	-	2.6	-	39.2	-	0.1	-	-	13.4	50.6	-	-
1964	100.8	.0	.0	.0	-	-	4.0	-	39.9	-	.0	-	-	9.1	47.8	-	-
1965	126.2	3.2	.0	.0	-	-	3.8	-	54.8	-	**	-	-	8.4	56.0	-	-
1966	114.8	2.0	.0	.0	-	-	7.4	-	48.5	-	.2	-	-	7.4	49.3	-	-
1967	111.3	2.0	.3	.0	-	-	13.8	-	38.1	-	.0	-	-	5.0	52.1	-	-
1968	96.1	1.9	.2	.0	.0	-	11.9	-	36.9	.0	.0	-	.0	.0	45.3	-	.0
1969	94.8	1.2	.0	.0	.0	-	11.4	-	20.5	.0	**	.0	.0	.0	21.4	-	-
1970	44.8	1.1	**	.0	.0	-	7.1	-	20.0	.0	.0	.0	.0	.0	16.5	-	.0
1971	29.9	.0	.0	.0	.0	-	4.8	.0	15.2	.0	.0	.0	.0	.2	9.7	-	.0
1972	36.9	.0	.0	.0	.0	-	4.1	.0	22.2	.0	.0	.0	.0	.6	10.0	-	.0
1973	43.3	.0	.3	.0	.0	-	5.6	.0	26.7	.0	.2	.0	.0	3.0	7.4	-	.0
1974	29.0	.0	.0	.0	.0	-	4.2	.0	14.5	.0	.0	.0	.0	.1	10.2	-	.0
1975	44.5	.0	.0	.0	-	-	4.2	.0	22.9	.0	.0	.0	.0	.1	17.6	.0	.0
1976	23.9	.0	1.0	.0	-	-	5.6	.0	11.4	.0	.0	.0	.0	.1	5.9	.0	.0
1977	36.5	.0	.0	.0	-	-	17.5	.0	11.1	.0	.0	.0	.0	**	7.3	.0	.5
1978	34.3	.0	.0	.0	-	-	13.4	**	9.9	.0	.0	.0	.0	.0	11.0	.0	**
1979	32.1	.0	.0	.0	-	-	9.1	.0	7.5	.0	.0	.5	.0	.2	14.7	.0	.0
1980	37.8	.0	.0	.0	-	.0	20.6	.0	4.4	.0	.0	.0	.0	.2	12.6	.0	.0
1981	27.7	.0	.0	1.1	-	.0	19.6	.0	2.0	.0	.0	.0	.0	.1	4.9	.0	.0
1982	31.2	.0	.0	.5	-	.0	18.8	1.4	5.4	.0	.0	.0	.0	.2	4.9	.0	.0
1983	37.5	9.6	.0	.0	-	.0	17.2	.1	1.5	.0	.0	.0	.0	1.5	7.7	.0	.0
1984	49.8	9.6	.0	.0	-	.0	29.5	.1	.7	.0	.0	.0	.0	.3	9.7	.0	.0
1985	113.9	9.6	.0	**	-	.0	77.7	.1	11.4	.0	.0	.0	.0	.2	14.9	.0	.0
1986	105.8	9.1	1.2	.0	-	1.8	73.0	.0	4.2	.0	.0	.0	.0	.4	16.0	.0	.0
1987	229.9	65.4	.1	.0	-	49.2	102.9	.0	4.2	.0	.0	.0	.0	.6	7.4	.0	.0
FACILITIES FOR INSTRUCTION																	
1971 4/...	28.7	.3	.0	.0	.0	-	2.3	.0	13.9	.0	.1	.0	.0	.0	12.1	-	.0
1972	26.3	.5	.0	.0	.0	-	1.9	.0	20.9	.0	.0	.0	.0	.0	3.0	-	.0
1973	13.4	.0	.0	.0	.0	-	2.3	.0	9.4	.0	.1	.0	.0	.0	1.6	-	.0
1974	3.5	.0	.0	.0	.0	-	.0	.0	.4	.0	**	.0	.0	.0	3.1	-	.0
1975	5.0	.0	.1	.0	-	-	.0	.0	4.9	.0	.0	.0	.0	.0	**	.0	.0
1976	3.2	.0	.3	.0	-	-	.0	.0	.0	.0	.0	.0	.0	.0	3.0	.0	.0
1977	3.3	.0	.0	.0	-	-	.4	.0	.0	.0	.0	.0	.0	.0	2.9	.0	.0
1978	4.9	.0	.0	.0	-	-	1.3	.0	.0	.0	**	.0	.0	.0	3.5	.0	.0
1979	6.7	.0	.0	.0	-	-	3.5	.0	.0	.0	.0	.0	.0	.0	3.2	.0	.0
1980	3.8	.0	.0	.0	-	.0	.9	.1	.0	.0	.0	.0	.0	.0	2.8	.0	.0
1981	4.6	.0	.0	.2	-	.0	1.1	**	.0	.0	.0	.0	.0	.0	3.2	.0	.0
1982	.8	.0	.0	**	-	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1983	2.5	.0	.0	**	-	.0	2.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
1984	1.9	.0	1.6	.3	-	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1985	4.9	.0	.0	.0	-	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	.1	.0
1986	5.0	.0	.0	.0	-	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	.0	.0
1987	13.7	.0	.0	.0	.0	5.0	.0	.0	.0	.0	.0	.0	.0	.0	8.7	.0	.0
FELLOWSHIPS, TRAINEESHIPS, & TRNG GRNTS																	
1966 4/...	365.6	-	.0	-	-	-	3.2	-	289.9	-	.0	-	-	25.0	47.5	-	-
1967	447.2	-	.0	-	-	-	3.7	-	379.2	-	.0	-	-	15.0	49.4	-	-
1968	440.9	-	.0	-	.0	-	3.6	-	387.0	-	.0	-	.0	.9	49.4	-	.0
1969	436.3	-	.0	-	.0	-	5.5	-	375.7	-	.0	-	.0	1.3	53.8	-	-
1970	429.4	-	.0	-	.0	-	5.0	-	369.6	-	.0	-	.0	2.1	52.7	-	.0
1971	421.0	.0	**	.0	.0	-	2.6	10.1	361.4	.0	**	.0	.6	1.0	42.3	-	2.8
1972	387.9	.0	.4	.0	.0	-	2.0	5.6	344.6	.0	.0	.0	.0	1.1	28.8	-	3.5
1973	287.2	.0	.6	.0	.0	-	2.3	9.2	256.8	.0	.0	.0	.0	1.3	16.4	-	.7
1974	326.6	.0	**	.0	.7	-	.5	6.8	301.5	.0	.0	.0	.0	1.2	14.4	-	1.3
1975	201.3	.0	**	.0	-	-	.7	5.0	181.7	.0	.0	.0	.0	1.3	9.7	.0	2.7
1976	174.9	.0	.0	.0	-	-	.1	3.6	155.6	.0	.0	.0	.0	1.3	13.4	**	.8
1977	184.7	.0	.0	.0	-	-	.2	1.3	165.9	.0	.0	-	.0	1.4	14.8	.1	.8
1978	205.9	-	.0	-	-	-	.7	3.6	184.2	-	3.2	-	.0	1.3	11.7	**	.6
1979	204.9	-	.0	-	-	-	1.9	4.5	182.3	-	.3	-	.0	1.8	14.1	.0	.0
1980	210.1	.0	.0	.0	-	.0	.0	4.5	187.6	.0	1.4	.0	.0	2.8	13.8	.0	.0
1981	205.4	.0	.0	.0	-	.0	.0	2.4	183.5	.0	.9	.0	.0	3.7	14.8	.1	.0
1982	176.6	.0	.0	.0	-	.0	.3	2.5	151.9	.0	.0	.0	.0	4.2	17.5	.0	.4
1983	189.6	.2	.2	.7	-	.0	.2	2.6	164.0	.0	.0	.0	.0	5.2	16.2	.0	.3
1984	194.9	.2	.1	.0	-	.0	.6	1.8	164.6	.0	.0	.0	.0	5.3	21.8	.0	.4
1985	253.1	7.0	.1	.8	-	.0	.4	2.1	210.9	.0	.0	.0	.0	5.6	25.8	.0	.4
1986	246.2	4.7	.0	.5	-	.0	.6	2.8	204.3	.0	.0	.0	.0	7.9	25.2	.0	.2
1987	290.9	4.7	.6	2.3	-	11.8	.6	1.8	232.5	.0	.0	.0	.0	8.7	27.7	.0	.2

SEE FOOTNOTES AT END OF TABLE.

TABLE B-2. — FEDERAL ACADEMIC SCIENCE/ENGINEERING OBLIGATIONS TO UNIVERSITIES AND COLLEGES BY TYPE OF ACTIVITY AND AGENCY: FISCAL YEARS 1963-87 1/

(DOLLARS IN MILLIONS)

CONTINUED

ACTIVITY & YEAR	TOTAL	USDA	CDN	DOD 2/	DEO	ED 2/	DOE 3/	EPA	HHS	HUD	INT	AID	LABOR	NASA	NSF	NRC	DOT
GENERAL SUPPORT FOR SCIENCE/ ENGINEERING																	
1971 4/...	99.7	0.0	0.2	0.0	0.0	-	0.0	0.0	40.2	0.0	1.1	0.0	1.2	0.0	56.9	-	0.0
1972	83.3	.0	1.5	.0	.0	-	.0	.0	40.7	.0	1.2	5.2	.0	.0	34.7	-	.0
1973	39.0	.0	.0	.0	.0	-	.0	.0	20.2	.0	1.3	2.3	.9	.0	14.2	-	.0
1974	87.0	.0	.5	.0	.0	-	.0	.0	64.2	.0	1.6	1.5	1.4	.0	17.8	-	.0
1975	46.4	.0	1.8	.0	-	-	.0	.0	37.3	.0	1.6	4.2	1.5	.0	.0	.0	.0
1976	74.5	.0	4.4	.0	-	-	.0	.0	41.8	.0	2.4	2.8	1.5	.0	21.6	.0	.0
1977	75.9	.0	.0	.0	-	-	2.5	.0	42.0	.0	1.8	4.1	.0	.0	24.8	.7	.0
1978	74.4	.0	.0	.0	-	-	.3	.0	45.0	.0	5.0	.0	.0	.0	23.8	.0	.3
1979	92.5	4.7	.0	.0	-	-	**	1.3	52.8	.0	4.4	.0	.0	.0	29.4	.0	.0
1980	91.5	.0	.0	.0	-	0.0	5.6	.0	60.1	.0	2.3	.0	.0	.0	23.2	.4	.0
1981	92.7	.0	.0	7.1	-	.0	.0	.9	60.0	.0	3.1	.0	.0	.0	21.0	.0	.7
1982	80.1	.0	.0	4.8	-	.0	**	1.7	61.3	2.0	6.8	.0	.0	.0	3.5	.0	.0
1983	94.8	.0	.0	3.2	-	**	3.7	1.6	73.6	.4	11.2	.0	.0	.0	1.2	.0	.0
1984	112.6	.0	20.3	3.7	-	.0	.6	2.7	83.9	.0	.0	.0	.0	.0	1.5	.0	.0
1985	119.2	.0	**	1.8	-	.0	.4	1.1	112.5	.0	.3	.0	.0	.0	3.0	.0	.0
1986	111.1	.0	**	2.1	-	.0	.0	.0	106.1	.0	.0	.0	.0	.0	2.8	.0	.0
1987	236.9	.0	.0	5.9	-	108.1	.0	4.3	113.1	.0	.0	.0	.0	.0	5.5	.0	.0
OTHER SCIENCE/ ENGINEERING ACTIVITIES																	
1963	393.1	63.4	.3	.0	-	-	5.3	-	208.9	-	**	-	-	14.1	101.1	-	-
1964	452.2	67.5	.6	.0	-	-	5.4	-	244.6	-	**	-	-	20.2	113.9	-	-
1965	495.0	73.3	.6	.0	-	-	5.9	-	289.8	-	**	-	-	25.4	130.1	-	-
1966	431.0	76.1	.7	.0	-	-	3.1	-	263.4	-	.2	-	-	2.3	85.2	-	-
1967	464.0	78.8	.7	.0	-	-	2.5	-	256.7	-	**	-	-	2.4	122.8	-	-
1968	414.5	80.1	1.0	.0	.0	-	2.5	-	186.4	.7	.4	-	.0	2.8	140.5	-	**
1969	395.9	91.1	.5	**	.0	-	1.0	-	198.4	.1	.9	.0	.0	3.7	100.2	-	-
1970	266.8	113.5	.7	**	.0	-	1.0	-	32.2	.0	.6	.0	.0	1.7	117.0	-	.0
1971	212.4	139.5	.5	.0	.0	-	.3	.0	15.9	.0	.0	2.0	.1	4.2	49.9	-	.0
1972	211.6	149.5	.6	.0	.0	-	.5	.0	8.6	.0	.0	.0	.0	4.9	47.5	-	.0
1973	210.8	163.0	2.7	.0	.0	-	.8	.0	8.0	.0	.0	.0	.4	4.5	31.4	-	.0
1974	205.7	164.0	2.2	.0	.0	-	.2	.0	5.7	.0	.0	.0	.0	5.7	27.9	-	.0
1975	262.3	180.2	1.7	.0	-	-	.1	.0	15.3	.0	.0	.0	**	6.4	58.6	**	.0
1976	252.2	204.4	3.6	.0	-	-	.3	.0	17.1	.0	.1	.0	.0	10.7	16.0	.0	.0
1977	248.0	201.0	.3	.0	-	-	.3	.0	15.4	.0	.3	.0	.0	5.9	24.9	.0	.0
1978	254.5	216.4	.9	.0	-	-	.3	.0	4.1	.0	.0	2.6	.0	4.4	25.6	.0	.2
1979	263.0	224.0	1.5	.0	-	-	3.0	.1	6.9	.0	.0	.0	.0	4.7	22.4	.4	.0
1980	287.2	232.3	1.2	.0	-	.0	2.8	.0	3.4	.0	.0	.0	.0	6.9	40.2	.5	.0
1981	321.5	250.0	.7	17.1	-	.0	7.9	**	5.3	.0	**	.0	.0	5.7	34.4	.4	**
1982	336.4	273.2	.8	38.2	-	.0	3.1	.2	3.6	**	.0	.0	.0	4.8	12.4	.0	.0
1983	331.8	282.3	.6	22.9	-	.0	**	.5	2.8	.1	**	.0	.0	7.8	14.8	.0	.0
1984	500.1	324.7	8.2	122.8	-	.0	.7	**	3.5	.0	.0	.0	**	7.1	33.0	.0	.0
1985	520.5	335.7	1.4	149.5	-	.0	.1	.0	6.5	.0	.0	.0	**	7.9	19.0	.3	**
1986	506.0	316.8	.8	148.5	-	.0	**	.0	9.1	.0	.0	.0	.0	7.9	22.9	.0	**
1987	553.5	308.6	1.1	171.4	-	21.4	.0	1.1	10.3	.0	.0	.0	.0	6.9	32.7	.0	.0

1/ SEE FOOTNOTE 1 AT END OF TABLE B-1.

2/ SEE TECHNICAL NOTES, SCOPE OF SURVEY.

3/ DATA SHOWN FOR FISCAL YEARS 1963-74 AND FISCAL YEARS 1975-77 REPRESENT OBLIGATIONS OF THE ATOMIC ENERGY COMMISSION AND THE ENERGY RESEARCH & DEVELOPMENT ADMINISTRATION, RESPECTIVELY.

4/ DATA PREVIOUS TO THIS YEAR ARE NOT SEPARATELY IDENTIFIED BUT ARE INCLUDED UNDER "OTHER SCIENCE/ENGINEERING ACTIVITIES".

- INDICATES NOT AVAILABLE.

** INDICATES AMOUNT LESS THAN $50,000.

SOURCE: NATIONAL SCIENCE FOUNDATION, SRS

TABLE B-3. — FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES FOR RESEARCH AND DEVELOPMENT BY DETAILED FIELD: FISCAL YEARS 1980-87

(DOLLARS IN THOUSANDS)

FIELD OF SCIENCE/ENGINEERING	1980	1981	1982	1983	1984	1985	1986	1987
TOTAL, ALL FIELDS	4,160,543	4,410,931	4,554,475	5,034,330	5,448,821	6,246,181	6,456,646	7,240,090
ENGINEERING, TOTAL	612,456	792,223	804,054	913,604	847,674	944,413	998,312	986,870
AERONAUTICAL	28,044	31,056	35,530	39,765	40,678	39,903	42,257	40,019
ASTRONAUTICAL	4,634	4,875	8,569	16,373	12,405	14,765	24,147	23,474
CHEMICAL	22,210	27,667	30,274	37,685	50,677	68,602	50,379	52,273
CIVIL	48,130	58,300	38,745	52,231	55,843	45,368	35,402	30,218
ELECTRICAL	86,916	115,011	139,442	170,381	161,336	231,457	212,175	195,645
MECHANICAL	42,593	37,954	37,836	42,577	45,952	53,214	56,416	60,037
METALLURGY & MATERIALS	63,057	52,815	63,998	66,146	75,341	80,416	101,457	98,233
ENGINEERING, NEC 2/	316,872	464,545	449,660	488,446	405,442	410,688	476,079	486,971
ALL SCIENCES, TOTAL	3,548,087	3,618,708	3,750,421	4,110,726	4,601,147	5,301,768	5,458,334	6,253,220
PHYSICAL SCIENCES, TOTAL	507,884	500,657	563,440	621,410	715,948	789,184	770,254	824,135
ASTRONOMY	52,736	54,835	54,001	62,278	78,124	78,654	78,435	84,587
CHEMISTRY	170,048	165,189	183,231	192,171	230,689	256,156	255,593	271,146
PHYSICS	249,661	250,342	284,711	325,998	359,757	397,061	379,289	405,756
PHYSICAL SCIENCES, NEC	35,439	30,291	41,497	40,963	47,378	57,313	56,937	62,646
MATHEMATICAL/COMPUTER SCIENCES, TOTAL	91,572	91,161	102,531	117,540	135,103	173,314	178,999	195,762
MATHEMATICAL SCIENCES	53,987	53,668	55,998	63,087	75,176	94,680	96,405	116,039
COMPUTER SCIENCES	36,140	34,861	44,844	52,727	58,667	78,634	79,413	76,431
MATH/COMPUTER SCI, NEC 1/	1,445	2,632	1,689	1,726	1,260	N/A	3,181	3,292
ENVIRONMENTAL SCIENCES, TOTAL	379,453	330,079	344,313	372,236	398,538	453,789	468,882	496,444
ATMOSPHERIC SCIENCES	86,486	95,112	94,463	103,851	114,183	135,562	134,657	151,294
GEOLOGICAL SCIENCES	109,523	101,207	101,005	101,570	100,901	116,850	118,401	118,662
OCEANOGRAPHY	92,079	91,863	102,340	120,448	136,426	138,732	121,855	150,225
ENVIRONMENTAL SCIENCES, NEC	91,365	41,897	46,505	46,367	47,028	62,645	103,969	76,263
LIFE SCIENCES, TOTAL	2,137,751	2,290,587	2,380,991	2,617,274	2,932,582	3,362,712	3,463,114	4,034,476
BIOLOGICAL (EXCL. ENV BIO)	1,085,602	1,192,756	1,201,934	1,339,982	1,548,809	1,775,397	1,849,516	2,179,502
ENVIRONMENTAL BIOLOGY	13,137	14,608	6,432	8,073	79,449	79,601	86,088	87,628
AGRICULTURAL	111,739	133,735	160,985	167,274	154,799	168,927	143,249	149,484
MEDICAL	885,898	905,916	970,476	1,053,364	1,124,788	1,294,571	1,325,157	1,546,711
LIFE SCIENCES, NEC	41,375	43,379	41,164	48,581	24,777	44,216	59,104	71,151
PSYCHOLOGY, TOTAL	86,459	87,734	84,406	93,849	109,787	132,746	138,338	176,474
BIOLOGICAL ASPECTS	28,269	26,273	24,735	24,760	33,515	39,700	39,049	46,194
SOCIAL ASPECTS	31,129	28,846	25,166	27,787	30,261	36,205	38,589	51,507
PSYCHOLOGY, NEC	27,061	32,615	34,505	41,302	46,011	56,841	60,700	78,773
SOCIAL SCIENCES, TOTAL	203,948	197,695	134,323	175,127	162,492	175,909	172,148	173,654
ANTHROPOLOGY	7,757	5,543	11,994	12,678	5,529	6,053	6,455	6,998
ECONOMICS	51,414	56,704	52,382	52,756	37,675	45,292	43,764	56,013
HISTORY	1,688	1,069	3,200	4,623	1,038	1,494	1,508	1,634
LINGUISTICS	2,997	2,745	3,629	3,419	2,967	3,196	2,481	2,843
POLITICAL SCIENCE	5,890	5,122	10,681	17,149	7,965	6,216	5,003	5,492
SOCIOLOGY	34,903	38,136	21,142	29,890	33,232	34,887	34,580	41,796
SOCIAL SCIENCES, NEC	99,299	88,376	31,295	54,612	74,086	78,771	78,357	58,878
OTHER SCIENCES, NEC	141,020	120,795	140,417	113,290	146,697	214,114	266,599	352,275

1/ DATA NOT COLLECTED IN FY 1985. INCLUDED UNDER "MATHEMATICAL SCIENCES."

2/ SEE TECHNICAL NOTES, SCOPE OF SURVEY ON DOD FUNDING.

NOTE: DATA FOR EACH YEAR REFLECT SUPPORT FROM THE AGENCIES INCLUDED IN THE SURVEY SYSTEM FOR THAT YEAR.

SOURCE: NATIONAL SCIENCE FOUNDATION, SRS

TABLE B-4. — FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES FOR RESEARCH AND DEVELOPMENT BY GEOGRAPHIC DIVISION AND STATE: FISCAL YEARS 1980-87 1/

(DOLLARS IN THOUSANDS)

GEOGRAPHIC DIVISION AND STATE	1980	1981	1982	1983	1984	1985	1986	1987
UNITED STATES, TOTAL	4,160,543	4,410,931	4,554,475	5,024,330	5,448,831	6,246,181	6,455,646	7,240,090
NEW ENGLAND, TOTAL	486,294	514,219	546,699	614,331	666,700	737,777	757,600	818,640
CONNECTICUT	90,095	97,599	106,116	116,971	128,786	144,455	146,545	174,433
MAINE	4,769	5,316	5,409	6,476	7,999	7,166	6,449	8,613
MASSACHUSETTS	332,727	354,577	373,011	424,213	453,875	496,981	508,166	536,122
NEW HAMPSHIRE	17,780	17,283	16,958	19,436	22,409	27,790	30,564	34,693
RHODE ISLAND	28,742	27,251	32,156	33,879	35,219	42,131	43,646	40,731
VERMONT	12,221	12,093	13,049	13,356	18,412	19,294	22,230	24,108
MIDDLE ATLANTIC, TOTAL	702,123	715,602	758,311	863,889	941,878	1,108,296	1,130,986	1,268,310
NEW JERSEY	50,648	56,744	56,207	61,998	71,331	83,023	86,000	97,865
NEW YORK	437,185	435,024	465,860	527,872	581,251	680,273	671,899	752,825
PENNSYLVANIA	214,290	223,834	236,244	274,019	289,296	345,000	373,087	417,620
EAST NORTH CENTRAL, TOTAL	580,990	612,214	629,295	682,781	747,405	862,892	873,904	980,173
ILLINOIS	173,627	180,144	190,913	209,434	226,377	260,394	262,640	297,368
INDIANA	71,328	79,076	76,181	77,043	87,369	101,734	100,144	111,289
MICHIGAN	117,877	125,585	133,673	144,557	157,889	178,920	183,814	213,721
OHIO	117,652	124,217	129,207	138,882	148,999	171,831	179,090	197,721
WISCONSIN	100,506	103,192	99,321	112,865	126,771	150,013	148,256	160,074
WEST NORTH CENTRAL, TOTAL	260,979	256,643	261,280	267,621	309,033	359,097	360,139	410,414
IOWA	45,287	46,221	47,898	53,229	61,933	69,926	74,279	81,802
KANSAS	30,259	26,101	24,678	24,765	25,845	31,198	33,239	35,863
MINNESOTA	76,527	72,489	79,582	74,279	85,132	104,471	102,293	121,588
MISSOURI	80,172	80,979	80,978	86,389	94,072	108,629	111,289	129,563
NEBRASKA	14,863	15,871	15,572	14,714	23,816	26,979	24,524	28,564
NORTH DAKOTA	9,371	10,318	7,685	10,031	13,534	12,625	9,479	8,194
SOUTH DAKOTA	4,500	4,664	4,887	4,214	4,701	5,269	5,036	4,840
SOUTH ATLANTIC, TOTAL	684,743	834,716	817,109	884,524	866,760	1,005,463	1,066,480	1,217,947
DELAWARE	8,938	8,602	8,191	9,230	10,123	12,221	12,863	12,067
DISTRICT OF COLUMBIA	38,844	37,183	42,472	54,379	46,096	56,320	49,955	61,057
FLORIDA	69,501	78,868	84,924	90,328	91,595	113,479	121,231	148,867
GEORGIA	70,763	78,265	90,891	101,043	98,686	118,087	127,973	144,144
MARYLAND	286,887	414,547	366,789	377,480	346,321	375,086	415,943	460,057
NORTH CAROLINA	115,678	121,701	125,749	141,393	155,208	184,060	194,999	228,176
SOUTH CAROLINA	21,341	22,387	21,801	23,900	24,424	33,188	32,726	33,516
VIRGINIA	63,853	65,068	67,997	78,055	83,272	103,168	101,082	118,162
WEST VIRGINIA	8,938	8,095	8,295	8,716	11,075	9,854	9,708	11,901
EAST SOUTH CENTRAL, TOTAL	135,498	140,092	142,906	158,205	165,738	205,350	219,146	270,957
ALABAMA	44,264	46,269	45,746	53,565	60,489	70,944	79,921	100,633
KENTUCKY	19,409	18,679	20,526	19,211	21,281	27,186	27,974	30,801
MISSISSIPPI	14,570	15,842	18,207	18,659	18,103	25,190	22,979	32,005
TENNESSEE	57,255	59,302	58,427	66,770	65,865	82,070	88,272	107,518
WEST SOUTH CENTRAL, TOTAL	277,213	287,594	300,567	318,708	356,507	420,655	434,494	486,122
ARKANSAS	8,878	9,213	11,112	10,411	11,935	15,323	14,527	15,487
LOUISIANA	31,182	31,015	34,475	36,213	40,098	51,373	47,715	59,799
OKLAHOMA	21,902	18,606	22,795	21,429	24,010	27,880	29,468	32,570
TEXAS	215,251	228,760	232,185	250,655	280,464	326,079	342,784	378,266
MOUNTAIN, TOTAL	218,781	234,379	253,635	276,696	328,684	345,949	366,578	392,441
ARIZONA	41,648	42,873	43,431	49,004	54,295	64,672	65,808	80,485
COLORADO	77,876	76,974	77,139	83,570	97,761	104,640	108,473	129,450
IDAHO	4,725	5,746	4,834	5,211	15,765	5,757	5,296	7,153
MONTANA	6,609	5,947	7,445	6,823	7,014	6,549	8,015	8,844
NEVADA	4,880	6,643	7,644	7,875	7,299	10,189	10,895	14,995
NEW MEXICO	33,632	33,661	47,944	53,631	65,427	60,630	79,466	95,138
UTAH	43,788	54,993	58,129	59,164	65,774	76,857	81,627	86,990
WYOMING	5,623	7,542	7,069	11,418	15,349	16,955	6,998	9,444
PACIFIC, TOTAL	803,885	804,596	833,084	948,737	1,095,852	1,188,994	1,234,207	1,379,235
ALASKA	18,734	14,902	11,206	8,196	10,611	12,214	14,645	15,473
CALIFORNIA	588,448	602,891	628,001	724,147	793,609	908,141	953,989	1,096,860
HAWAII	29,990	24,048	24,493	25,860	24,691	33,686	29,196	39,958
OREGON	51,372	49,092	55,685	56,810	72,618	70,068	71,764	84,138
WASHINGTON	115,341	113,663	113,701	130,724	194,323	164,915	164,613	183,206
OUTLYING AREAS, TOTAL	10,037	10,876	11,587	11,838	10,264	11,708	13,112	15,831
GUAM	679	738	987	1,080	1,038	1,138	1,165	1,107
PUERTO RICO	8,708	9,260	8,576	8,496	8,337	9,045	10,268	12,778
AMERICAN SAMOA	0	0	555	584	200	115	290	340
VIRGIN ISLANDS	650	878	890	1,067	999	931	916	1,026
TRUST TERRITORY PAC ISL	0	0	579	611	90	479	473	580

1/ SEE TECHNICAL NOTES, SCOPE OF SURVEY ON DOD FUNDING.

NOTE: DATA FOR EACH YEAR REFLECT SUPPORT FROM THE AGENCIES INCLUDED IN THE SURVEY SYSTEM FOR THAT YEAR.

SOURCE: NATIONAL SCIENCE FOUNDATION, SRS

TABLE B-5. — FEDERAL OBLIGATIONS FOR RESEARCH AND DEVELOPMENT TO THE 100 UNIVERSITIES AND COLLEGES RECEIVING THE LARGEST AMOUNTS: FISCAL YEARS 1980-87 1/

(DOLLARS IN THOUSANDS)

RANK	INSTITUTION (RANKED BY AMOUNT RECEIVED IN FISCAL YEAR 1987)	1980	1981	1982	1983	1984	1985	1986	1987
	TOTAL, ALL INSTITUTIONS	4,160,543	4,410,931	4,554,475	5,024,330	5,448,821	6,246,181	6,456,646	7,240,090
1	JOHNS HOPKINS UNIV 2/	240,096	363,429	312,979	318,374	280,530	297,374	331,317	374,656
2	STANFORD UNIVERSITY	104,610	106,073	124,289	140,090	160,274	174,961	180,186	201,049
3	MASS INST OF TECHNOLOGY	142,094	146,035	148,837	178,706	178,706	189,558	188,120	187,623
4	UNIVERSITY OF WASHINGTON	100,577	99,965	97,690	114,294	136,803	146,179	146,718	164,891
5	UNIV OF CAL SAN DIEGO	91,427	91,403	91,297	105,122	104,922	103,633	133,243	151,768
6	UNIV OF CAL LOS ANGELES	87,284	94,945	89,661	108,450	110,057	128,211	125,483	147,795
7	UNIVERSITY OF MICHIGAN	71,935	73,999	79,794	81,248	95,307	108,035	111,232	134,977
8	UNIV OF WIS-MADISON	80,828	86,918	82,417	93,568	99,831	124,604	120,626	134,021
9	YALE UNIVERSITY	68,937	73,526	78,920	88,335	97,905	109,227	111,687	132,909
10	COLUMBIA UNIV MAIN DIV	81,511	83,699	88,879	101,006	110,089	127,331	127,131	130,724
	TOTAL 1ST 10 INSTITUTIONS	1,069,299	1,219,952	1,194,763	1,329,193	1,374,424	1,509,113	1,575,743	1,760,413
11	CORNELL UNIVERSITY	75,166	72,671	83,936	93,644	105,338	119,966	112,707	128,695
12	UNIV OF CAL SAN FRANCISCO	62,771	64,814	66,752	75,718	85,449	98,536	104,453	124,811
13	HARVARD UNIVERSITY	84,954	87,830	85,757	89,457	98,972	109,414	110,356	123,301
14	UNIVERSITY OF MINNESOTA	76,068	72,001	78,714	74,102	83,905	103,272	100,898	119,746
15	UNIV OF PENNSYLVANIA	71,084	76,136	74,907	83,251	94,154	103,119	103,487	109,388
16	UNIV OF SOUTHERN CAL	48,343	49,221	50,402	62,837	79,617	89,706	97,292	104,395
17	UNIV OF ILL URBANA	50,800	53,583	63,923	66,055	68,911	83,122	88,986	96,761
18	UNIV OF CAL BERKELEY	50,426	64,065	65,555	75,293	85,852	106,710	96,834	96,748
19	PENNSYLVANIA STATE UNIV	48,463	47,099	50,809	61,798	64,372	76,726	87,041	94,615
20	WASHINGTON UNIVERSITY	52,529	54,170	52,839	55,754	61,341	71,978	72,750	89,095
	TOTAL 1ST 20 INSTITUTIONS	1,689,503	1,861,542	1,870,357	2,067,102	2,202,335	2,471,662	2,550,547	2,847,928
21	UNIVERSITY OF COLORADO	44,823	46,146	43,786	50,626	62,708	71,424	73,630	87,623
22	UNIVERSITY OF ROCHESTER	41,324	42,983	46,427	53,358	60,157	70,379	71,521	85,674
23	DUKE UNIVERSITY	42,685	44,287	50,397	55,619	62,074	69,169	70,034	84,622
24	UNIVERSITY OF CHICAGO	50,592	53,992	54,182	62,318	68,703	71,194	71,535	82,769
25	UNIV OF NC AT CHAPEL HILL	35,795	38,447	41,890	47,228	48,491	63,105	70,526	81,473
26	UNIV OF TEXAS AT AUSTIN	40,434	43,756	44,767	56,300	62,316	72,379	74,028	76,495
27	NEW YORK UNIVERSITY	39,494	40,636	43,643	51,975	55,028	74,577	68,372	75,966
28	UNIVERSITY OF PITTSBURGH	33,246	38,512	39,397	45,805	50,557	58,620	59,373	72,236
29	CARNEGIE-MELLON UNIV	22,081	21,915	25,463	36,345	27,650	48,872	59,854	69,454
30	YESHIVA UNIVERSITY	40,275	42,590	44,237	51,279	53,077	56,988	58,518	65,028
	TOTAL 1ST 30 INSTITUTIONS	2,080,252	2,274,806	2,304,546	2,577,955	2,753,096	3,128,369	3,227,938	3,629,268
31	OHIO STATE UNIVERSITY	37,312	42,899	41,073	45,543	48,339	56,065	58,078	64,573
32	UNIVERSITY OF ARIZONA	33,887	36,308	35,688	40,110	43,380	49,740	51,123	64,491
33	UNIVERSITY OF IOWA	34,677	35,300	36,971	41,121	48,378	55,117	52,226	63,479
34	UNIV ALABAMA BIRMINGHAM	26,995	29,970	28,731	32,627	37,839	44,093	45,856	62,240
35	UNIVERSITY OF MASSACHUSET	19,981	22,418	27,251	29,913	35,145	46,044	47,195	57,913
36	CALIFORNIA INST OF TECH	35,552	32,959	36,672	44,076	48,589	55,063	59,707	57,122
37	CASE WESTERN RESERVE UNIV	31,420	33,744	34,834	38,438	43,931	47,994	49,331	56,774
38	UNIVERSITY OF UTAH	31,966	38,163	39,886	40,853	45,427	50,938	55,290	56,590
39	BAYLOR COL OF MEDICINE	31,784	35,062	36,972	35,551	39,340	45,837	47,022	54,255
40	VANDERBILT UNIVERSITY	25,978	27,426	28,739	31,996	35,338	39,909	43,990	54,653
	TOTAL 1ST 40 INSTITUTIONS	2,389,804	2,609,055	2,651,363	2,958,183	3,178,802	3,619,191	3,737,756	4,223,358
41	BOSTON UNIVERSITY	24,943	27,019	30,397	38,406	39,306	46,152	48,518	53,331
42	NORTHWESTERN UNIVERSITY	31,982	32,446	33,117	37,284	42,864	48,260	43,609	53,061
43	UNIVERSITY OF FLORIDA	25,467	30,845	35,106	35,549	40,847	47,716	48,911	52,888
44	UNIV OF CAL DAVIS	42,245	31,757	32,700	35,729	37,586	43,156	43,618	50,289
45	INDIANA UNIVERSITY	26,770	29,276	30,056	30,559	35,123	39,118	41,879	50,005
46	UNIVERSITY OF MIAMI	27,986	28,956	27,070	28,936	27,880	33,709	37,618	49,547
47	MICHIGAN STATE UNIVERSITY	28,836	34,000	35,647	41,935	41,205	46,945	48,740	48,897
48	UNIV OF MD COLLEGE PARK	26,463	27,313	28,355	35,514	38,260	51,073	53,906	48,728
49	EMORY UNIVERSITY	16,028	17,374	18,574	20,569	22,621	27,005	30,981	47,294
50	PURDUE UNIVERSITY	36,724	36,549	38,142	37,346	41,892	51,544	46,827	46,332
	TOTAL 1ST 50 INSTITUTIONS	2,677,248	2,904,590	2,960,547	3,300,010	3,547,386	4,053,869	4,182,363	4,723,730

SEE FOOTNOTES AT END OF TABLE.

TABLE B-5. — FEDERAL OBLIGATIONS FOR RESEARCH AND DEVELOPMENT TO THE 100 UNIVERSITIES AND COLLEGES RECEIVING THE LARGEST AMOUNTS: FISCAL YEARS 1980-87 1/

CONTINUED

(DOLLARS IN THOUSANDS)

RANK	INSTITUTION (RANKED BY AMOUNT RECEIVED IN FISCAL YEAR 1987)	1980	1981	1982	1983	1984	1985	1986	1987
51	U TEX HLTH SCI CTR DALLAS	22,172	23,911	23,966	27,787	32,949	37,432	40,330	45,994
52	GEORGIA INSTITUTE OF TECH	27,868	33,616	43,530	45,835	38,460	51,585	46,557	45,187
53	UNIVERSITY OF VIRGINIA	23,583	24,333	25,688	27,984	30,279	37,415	39,136	44,732
54	PRINCETON UNIVERSITY	21,492	23,888	23,668	26,782	28,783	34,720	42,674	44,286
55	OREGON STATE UNIVERSITY	29,690	27,669	33,245	31,030	37,499	33,801	37,097	40,099
56	UNIV OF CAL IRVINE	18,605	20,614	22,003	23,874	26,798	31,515	33,607	39,384
57	UNIVERSITY OF CONNECTICUT	19,171	22,196	24,972	26,397	28,060	32,805	32,604	38,806
58	TEXAS A & M UNIVERSITY	26,979	34,398	33,144	35,407	31,072	38,891	35,891	38,642
59	SUNY AT STONY BROOK	18,449	19,602	22,221	24,941	29,770	35,059	36,102	38,014
60	ROCKEFELLER UNIVERSITY	19,686	19,952	20,807	25,245	29,484	35,285	33,940	37,051
TOTAL 1ST	60 INSTITUTIONS	2,904,943	3,154,769	3,233,791	3,595,292	3,860,540	4,422,377	4,560,301	5,135,885
61	LOUISIANA STATE UNIV	19,980	19,847	22,784	22,040	26,396	35,527	31,510	36,581
62	TUFTS UNIVERSITY	9,853	15,642	16,808	24,604	27,995	34,495	37,242	36,241
63	CUNY MT SINAI SCH OF MED	21,799	19,876	19,433	22,595	26,796	28,059	28,962	34,851
64	WOODS HOLE OCNGRPHIC INST	23,427	27,633	32,877	31,039	39,705	31,392	36,300	34,711
65	UNIVERSITY OF CINCINNATI	19,486	18,766	20,126	20,403	23,860	27,886	29,770	34,488
66	UNIVERSITY OF GEORGIA	17,056	17,045	16,991	22,538	23,186	23,800	32,267	33,489
67	UNIV OF ILL CHICAGO	19,519	21,394	20,977	22,460	22,531	28,172	29,209	32,490
68	COLORADO STATE UNIVERSITY	22,762	21,487	22,614	25,022	25,002	24,767	27,303	31,492
69	VIRGINIA COMMONWLTH UNIV	15,605	16,713	16,485	19,856	21,684	28,896	26,598	31,477
70	N C STATE UNIV AT RALEIGH	22,378	16,758	18,158	20,604	22,639	27,387	27,482	30,195
TOTAL 1ST	70 INSTITUTIONS	3,096,808	3,349,928	3,441,014	3,826,453	4,120,294	4,712,758	4,866,945	5,471,900
71	UNIV OF HAWAII-MANOA	23,697	20,629	20,000	24,226	23,925	32,812	27,758	29,154
72	UNIV OF MD BALT PROF SCH	17,186	20,414	22,355	18,679	19,943	20,986	24,574	28,278
73	U TEX HLTH SCI CTR HOUSTN	11,282	12,987	13,896	13,703	16,206	21,607	22,588	28,148
74	BROWN UNIVERSITY	15,680	16,020	18,031	19,790	22,996	26,079	29,987	27,710
75	UNIV OF CAL SANTA BARBARA	10,946	12,688	13,329	16,895	18,738	23,730	28,880	27,322
76	SUNY AT BUFFALO	18,477	16,224	16,123	17,175	19,270	23,051	22,668	27,255
77	U TEX HLTH SCI CTR S ANTO	11,153	13,314	14,456	14,392	18,562	23,680	21,504	26,725
78	U TEXAS SYSTEM CANCER CTR	20,345	17,789	15,346	14,693	17,708	19,925	20,576	26,134
79	RUTGERS THE ST UNIV OF NJ	16,316	18,011	17,482	19,647	24,027	26,889	23,092	25,730
80	FLORIDA STATE UNIVERSITY	8,655	9,463	13,410	14,107	12,504	19,894	21,418	25,680
TOTAL 1ST	80 INSTITUTIONS	3,250,545	3,507,467	3,605,442	3,999,760	4,314,173	4,951,411	5,109,990	5,744,036
81	UTAH STATE UNIVERSITY	9,807	15,412	16,047	16,093	17,416	22,067	21,812	25,170
82	UNIVERSITY OF NEW MEXICO	17,952	18,976	24,724	22,189	33,842	31,362	34,947	25,158
83	NEW MEXICO STATE UNIV	12,284	11,759	21,068	27,452	26,660	24,861	39,297	25,072
84	UNIV OF VT & ST AGRIC COL	12,035	11,950	13,000	13,309	18,249	19,180	21,967	23,922
85	UNIVERSITY OF KENTUCKY	13,982	12,875	14,764	14,317	16,268	21,951	22,394	23,906
86	GEORGE WASHINGTON UNIV	13,608	14,503	16,279	17,791	15,122	15,776	16,399	23,640
87	VA POLYTECH INST & ST U	16,823	16,449	18,680	20,602	21,214	24,590	23,363	23,588
88	UNIVERSITY OF KANSAS	21,803	17,205	15,450	15,368	15,869	20,123	20,183	22,988
89	UNIV OF MISSOURI COLUMBIA	16,467	14,477	15,139	16,939	17,810	22,343	21,997	22,035
90	DARTMOUTH COLLEGE	9,941	10,595	10,161	10,568	13,383	16,380	19,306	21,489
TOTAL 1ST	90 INSTITUTIONS	3,395,247	3,651,668	3,770,754	4,174,388	4,510,006	5,170,044	5,351,615	5,981,004
91	TEMPLE UNIVERSITY	15,368	14,678	14,816	16,100	17,281	18,954	17,477	21,361
92	WAKE FOREST UNIVERSITY	8,069	8,528	10,116	10,017	14,660	15,228	17,480	21,100
93	UNIV OF MED & DENT OF N J	8,970	11,115	10,933	11,870	14,349	16,746	14,276	20,666
94	U TEX MED BRNCH GALVESTON	11,904	10,271	10,057	10,778	13,124	17,185	17,479	20,202
95	GEORGETOWN UNIVERSITY	13,579	10,327	12,259	20,865	14,463	18,194	15,023	20,046
96	UNIVERSITY OF DAYTON	15,314	15,049	17,094	18,175	17,938	19,460	22,612	19,944
97	WAYNE STATE UNIVERSITY	11,926	12,582	12,280	15,304	14,282	16,598	15,015	19,603
98	U TENNESSEE KNOXVILLE	20,710	19,933	18,202	14,415	14,949	23,201	15,497	18,517
99	TULANE UNIVERSITY	9,061	8,839	8,839	11,636	11,096	12,725	12,522	18,062
100	OREGON HLTH SCIENCES UNIV	8,696	8,522	9,546	10,270	9,947	12,073	14,064	17,884
TOTAL 1ST	100 INSTITUTIONS	3,518,844	3,771,512	3,894,896	4,313,818	4,652,095	5,340,408	5,513,060	6,178,389

1/ DOES NOT INCLUDE R&D OBLIGATIONS TO UNIVERSITY-ASSOCIATED FFRDC'S.

2/ SEE TECHNICAL NOTES, SCOPE OF SURVEY.

NOTE: DATA FOR EACH YEAR REFLECT SUPPORT FROM THE AGENCIES INCLUDED IN THE SURVEY SYSTEM FOR THAT YEAR.

SOURCE: NATIONAL SCIENCE FOUNDATION, SRS

TABLE B-6. — FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES FOR FELLOWSHIPS, TRAINEESHIPS, AND TRAINING GRANTS BY DETAILED FIELD: FISCAL YEARS 1980-87

(DOLLARS IN THOUSANDS)

FIELD OF SCIENCE/ENGINEERING	1980	1981	1982	1983	1984	1985	1986	1987
TOTAL, ALL FIELDS	210,121	205,448	176,582	189,616	194,895	253,082	246,196	290,942
ENGINEERING, TOTAL	6,451	4,637	6,380	8,364	9,835	10,596	10,737	12,024
AERONAUTICAL	508	843	980	966	598	528	689	825
ASTRONAUTICAL	0	0	0	38	0	0	18	0
CHEMICAL	280	239	855	1,010	1,817	1,790	1,472	1,463
CIVIL	195	79	136	271	719	866	956	529
ELECTRICAL	459	251	805	829	1,321	1,536	1,750	2,992
MECHANICAL	771	477	956	128	871	1,091	1,295	1,294
METALLURGY & MATERIALS	1	14	66	154	243	177	318	250
ENGINEERING, NEC	4,277	2,734	2,982	4,968	4,266	4,608	4,299	4,671
ALL SCIENCES, TOTAL	203,670	200,811	170,202	181,252	185,060	242,486	235,399	278,918
PHYSICAL SCIENCES, TOTAL	4,691	6,212	4,708	4,961	5,190	6,912	7,207	9,917
ASTRONOMY	1,093	2,420	276	234	280	467	533	576
CHEMISTRY	2,498	2,811	2,760	3,078	3,008	3,841	3,500	4,992
PHYSICS	1,069	679	1,600	1,603	1,836	2,538	3,089	4,233
PHYSICAL SCIENCES, NEC	31	302	72	46	66	66	85	116
MATHEMATICAL/COMPUTER SCIENCES, TOTAL	1,336	994	2,120	3,047	3,956	4,873	4,569	5,213
MATHEMATICAL SCIENCES	1,334	981	2,108	1,732	3,266	4,198	3,808	4,272
COMPUTER SCIENCES	2	13	12	922	317	675	500	676
MATH/COMPUTER SCI, NEC 1/	0	0	0	393	373	N/A	261	265
ENVIRONMENTAL SCIENCES, TOTAL	1,326	1,845	1,150	1,531	1,984	2,508	2,438	2,705
ATMOSPHERIC SCIENCES	143	48	91	92	99	117	164	197
GEOLOGICAL SCIENCES	512	1,264	833	943	1,362	1,654	1,500	1,278
OCEANOGRAPHY	32	165	169	374	176	181	166	388
ENVIRONMENTAL SCIENCES, NEC	639	368	57	122	347	556	608	842
LIFE SCIENCES, TOTAL	156,375	149,877	131,244	150,569	151,569	201,564	192,038	215,300
BIOLOGICAL (EXCL. ENV BIO)	40,139	37,360	39,652	43,481	50,314	61,889	59,441	67,019
ENVIRONMENTAL BIOLOGY	104	136	1,081	5,094	4,174	5,331	5,212	6,026
AGRICULTURAL	71	0	0	371	173	5,966	4,036	4,723
MEDICAL	115,852	112,119	90,328	101,529	96,852	128,075	122,530	136,702
LIFE SCIENCES, NEC	209	262	183	94	56	303	819	830
PSYCHOLOGY, TOTAL	8,204	4,090	4,824	8,932	10,529	13,615	13,795	14,915
BIOLOGICAL ASPECTS	188	150	24	865	0	0	0	0
SOCIAL ASPECTS	2,126	505	1,177	512	1,120	1,649	1,855	1,814
PSYCHOLOGY, NEC	5,890	3,435	3,623	7,555	9,409	11,966	11,940	13,101
SOCIAL SCIENCES, TOTAL	18,499	8,038	4,466	7,981	8,538	9,569	10,501	23,220
ANTHROPOLOGY	772	322	821	754	826	867	902	900
ECONOMICS	511	237	928	1,079	1,195	1,207	1,040	1,143
HISTORY	141	91	132	66	140	201	246	378
LINGUISTICS	155	137	197	230	266	289	272	288
POLITICAL SCIENCE	173	148	264	264	336	544	624	9,550
SOCIOLOGY	1,440	141	264	273	308	410	1,254	1,502
SOCIAL SCIENCES, NEC	15,307	6,962	1,860	5,315	5,467	6,051	6,163	9,499
OTHER SCIENCES, NEC	13,239	29,755	21,690	4,231	3,294	3,445	4,851	7,648

1/ DATA NOT COLLECTED IN FY 1985. INCLUDED UNDER "MATHEMATICAL SCIENCES."

NOTE: DATA FOR EACH YEAR REFLECT SUPPORT FROM THE AGENCIES INCLUDED IN THE SURVEY SYSTEM FOR THAT YEAR.

SOURCE: NATIONAL SCIENCE FOUNDATION, SRS

TABLE B-7. — FEDERAL ACADEMIC SCIENCE/ENGINEERING OBLIGATIONS TO UNIVERSITIES AND COLLEGES BY GEOGRAPHIC DIVISION, STATE, AND AGENCY: FISCAL YEAR 1987

(DOLLARS IN THOUSANDS)

GEOGRAPHIC DIVISION AND STATE	TOTAL	USDA	CON	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
UNITED STATES, TOTAL	8,565,038	674,697	93,580	1,278,549	280,806	474,015	74,346	4,193,818	39,434	309,838	1,069,494	76,461
NEW ENGLAND, TOTAL	924,706	37,142	14,181	116,997	29,649	79,600	6,866	470,376	2,311	27,017	136,571	3,996
CONNECTICUT	198,952	4,020	5,056	12,326	8,819	8,858	350	143,942	105	656	14,820	0
MAINE	12,410	4,772	123	2,099	1,504	315	781	1,309	363	25	1,189	0
MASSACHUSETTS	595,335	18,062	3,721	93,075	14,092	61,567	4,510	273,529	1,311	18,889	102,744	3,835
NEW HAMPSHIRE	37,913	3,460	2,598	1,872	529	984	346	18,016	105	5,640	4,363	0
RHODE ISLAND	50,654	2,296	2,683	7,435	2,095	7,668	719	13,240	304	1,763	12,230	161
VERMONT	29,442	4,532	0	230	2,650	208	60	20,340	123	44	1,295	0
MIDDLE ATLANTIC, TOTAL	1,417,958	48,305	7,313	171,354	39,566	68,392	9,641	813,035	6,847	24,782	217,590	11,133
NEW JERSEY	112,352	7,062	2,785	12,209	2,323	8,160	879	48,326	438	3,483	26,460	227
NEW YORK	847,373	21,018	2,966	59,215	25,580	44,394	6,664	529,320	1,854	14,445	131,990	9,927
PENNSYLVANIA	458,233	20,225	1,562	99,930	11,663	15,838	2,098	235,389	4,555	6,854	59,140	979
EAST NORTH CENTRAL, TOTAL	1,155,671	112,718	6,331	103,481	42,123	62,053	13,219	561,814	2,375	44,116	186,206	21,235
ILLINOIS	362,187	44,671	1,481	30,194	14,506	20,796	2,253	162,623	671	9,844	71,969	3,179
INDIANA	134,008	14,949	105	12,681	7,436	14,210	1,205	51,330	634	2,481	26,629	2,348
MICHIGAN	244,415	18,173	560	16,533	7,096	8,274	1,641	134,004	259	10,170	40,983	6,122
OHIO	227,344	17,917	1,136	37,896	4,307	4,386	6,386	113,047	583	13,861	19,299	8,526
WISCONSIN	187,717	17,008	3,049	6,177	8,778	13,787	1,734	100,810	228	7,760	27,326	1,060
WEST NORTH CENTRAL, TOTAL	501,498	81,492	2,248	15,676	19,260	17,460	3,859	288,292	3,971	14,400	43,997	10,843
IOWA	103,011	17,414	372	4,136	2,658	6,999	1,108	56,700	383	6,879	6,077	285
KANSAS	48,289	10,098	164	2,237	6,433	2,861	718	18,287	105	1,736	4,663	987
MINNESOTA	138,470	15,011	890	4,159	4,691	4,778	1,301	87,490	368	1,993	17,524	365
MISSOURI	154,507	18,459	402	3,915	2,187	2,094	361	110,308	1,556	2,612	9,728	2,885
NEBRASKA	35,863	8,315	335	829	2,028	493	145	12,892	189	762	4,497	5,378
NORTH DAKOTA	12,513	6,658	85	400	719	135	68	1,780	1,003	61	561	1,043
SOUTH DAKOTA	8,845	5,537	0	0	544	100	158	835	367	357	947	0
SOUTH ATLANTIC, TOTAL	1,564,828	109,770	13,789	489,178	49,220	72,596	14,013	651,803	4,261	40,805	104,975	14,718
DELAWARE	15,447	3,563	211	3,681	633	454	45	2,889	105	391	3,475	0
DISTRICT OF COLUMBIA	79,830	1,752	463	8,285	13,486	1,004	777	42,021	107	4,520	5,132	2,283
FLORIDA	170,551	13,933	4,314	18,808	7,788	15,405	2,281	80,006	262	4,676	22,178	900
GEORGIA	191,637	18,875	1,338	55,324	3,993	19,112	955	73,435	538	3,516	12,501	2,050
MARYLAND	619,853	8,670	3,800	373,511	5,382	8,495	1,475	178,525	640	12,859	23,591	2,905
NORTH CAROLINA	266,191	26,111	1,610	14,278	7,286	5,720	6,103	179,579	369	3,519	18,864	2,752
SOUTH CAROLINA	61,337	13,322	144	2,392	2,185	17,182	514	19,939	208	489	4,937	25
VIRGINIA	141,362	16,588	1,809	12,175	6,234	4,477	1,508	69,019	1,467	10,599	13,759	3,727
WEST VIRGINIA	18,620	6,956	100	724	2,233	747	355	6,090	565	236	538	76
EAST SOUTH CENTRAL, TOTAL	380,960	97,022	558	29,258	13,845	28,319	2,036	175,871	1,379	15,365	16,516	791
ALABAMA	142,567	24,446	134	12,107	5,178	14,162	891	70,632	477	11,112	3,356	72
KENTUCKY	44,241	18,158	101	1,299	1,107	1,128	188	18,388	335	792	2,720	25
MISSISSIPPI	64,242	37,023	225	7,925	2,575	3,129	467	10,375	258	516	1,596	153
TENNESSEE	129,910	17,395	98	7,927	4,985	9,900	490	76,476	309	2,945	8,844	541
WEST SOUTH CENTRAL, TOTAL	580,054	73,177	7,023	68,948	24,276	22,875	6,380	300,895	1,814	22,525	47,806	4,335
ARKANSAS	26,870	12,718	0	750	3,355	390	278	5,853	367	272	1,504	1,383
LOUISIANA	75,375	13,109	2,299	3,147	3,665	1,642	882	42,499	522	1,222	4,388	1,970
OKLAHOMA	47,957	11,679	1,826	4,836	4,774	4,563	1,216	11,021	292	3,009	4,608	133
TEXAS	429,852	35,671	2,898	60,215	12,482	16,280	4,004	241,522	603	18,022	37,306	849
MOUNTAIN, TOTAL	463,339	41,515	13,588	86,248	24,413	22,962	9,433	156,592	8,197	34,306	64,805	1,280
ARIZONA	97,141	6,214	381	11,288	6,971	6,990	1,325	35,599	866	11,186	15,772	589
COLORADO	146,208	7,757	11,472	14,570	4,591	5,733	1,318	61,434	1,411	13,164	24,271	487
IDAHO	10,611	6,339	202	140	1,061	131	59	576	1,052	275	719	57
MONTANA	13,979	5,069	209	408	1,056	143	800	2,793	573	215	2,713	0
NEVADA	18,470	2,790	1,244	260	787	2,189	4,305	3,099	1,900	305	2,031	0
NEW MEXICO	68,857	4,835	80	34,584	3,347	1,856	232	11,960	336	6,772	4,855	0
UTAH	96,528	5,291	0	23,906	6,215	5,300	1,202	40,299	1,434	1,877	10,897	147
WYOMING	11,545	3,220	0	1,092	385	620	192	952	1,025	512	3,547	0
PACIFIC, TOTAL	1,541,983	57,138	27,779	197,093	34,551	99,339	8,894	765,513	7,956	86,305	249,286	8,129
ALASKA	17,850	2,270	3,213	1,062	624	598	6	523	213	3,287	5,989	0
CALIFORNIA	1,152,966	22,922	7,457	159,998	13,154	64,612	4,927	610,184	4,673	71,731	188,910	4,398
HAWAII	44,538	5,194	9,418	1,552	2,608	1,378	25	7,524	757	5,342	9,175	1,565
OREGON	121,404	13,144	3,373	9,865	11,007	29,754	2,592	34,312	1,994	1,565	16,191	2,007
WASHINGTON	205,225	13,608	4,318	24,616	7,158	6,997	1,344	112,970	654	4,380	29,021	159
OUTLYING AREAS, TOTAL	34,041	16,418	770	316	3,903	419	5	9,927	323	217	1,742	1
GUAM	3,490	1,649	0	0	1,630	0	0	72	105	0	34	0
PUERTO RICO	26,588	11,254	770	316	2,189	419	5	9,711	113	217	1,893	1
AMERICAN SAMOA	662	662	0	0	0	0	0	0	0	0	0	0
VIRGIN ISLANDS	1,927	1,563	0	0	0	0	0	144	105	0	115	0
TRUST TERRITORY PAC ISL	1,374	1,290	0	0	84	0	0	0	0	0	0	0

1/ INCLUDES DOT, AID, HUD, LABOR, AND NRC.

SOURCE: NATIONAL SCIENCE FOUNDATION, SRS

TABLE B-8. — FEDERAL OBLIGATIONS FOR ACADEMIC SCIENCE/ENGINEERING TO THE 100 UNIVERSITIES AND COLLEGES RECEIVING THE LARGEST AMOUNTS BY AGENCY: FISCAL YEAR 1987

(DOLLARS IN THOUSANDS)

RANK	INSTITUTION (RANKED BY AMOUNT RECEIVED)	TOTAL	USDA	CON	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
	TOTAL, ALL INSTITUTIONS	8,565,038	674,697	93,580	1,278,549	280,806	474,015	74,346	4,193,818	39,434	309,838	1,069,494	76,461
1	JOHNS HOPKINS UNIVERSITY	521,252	40	372	357,413	1,899	2,957	552	144,605	0	3,511	8,408	1,495
2	STANFORD UNIVERSITY	318,200	140	0	40,808	1,934	18,987	741	105,020	268	23,237	27,065	0
3	MASS INST OF TECHNOLOGY	304,985	411	2,107	48,783	276	52,073	290	51,231	788	12,140	39,420	366
4	UNIVERSITY OF WASHINGTON	178,148	2,173	4,218	23,035	4,761	6,415	1,119	107,328	456	4,099	24,544	0
5	UNIV OF CAL SAN DIEGO	159,851	150	5,972	23,672	201	3,015	72	74,792	552	9,770	41,695	0
6	CORNELL UNIVERSITY	199,399	19,729	389	14,321	1,689	4,678	1,468	65,438	280	3,827	46,985	595
7	UNIV OF CAL LOS ANGELES	158,036	328	0	13,132	1,443	14,171	872	105,438	126	5,503	16,623	400
8	UNIV OF WIS-MADISON	154,602	16,632	2,899	5,697	330	13,528	709	81,806	0	7,195	24,896	950
9	UNIVERSITY OF MICHIGAN	148,298	833	313	11,739	2,098	5,236	792	94,958	0	9,493	21,701	1,085
10	YALE UNIVERSITY	146,238	414	0	9,810	1,051	8,196	200	114,564	0	656	11,347	0
TOTAL 1ST	10 INSTITUTIONS	2,049,009	40,850	16,230	545,460	15,682	129,256	6,815	945,280	2,470	79,431	262,644	4,891
11	COLUMBIA UNIV MAIN DIV	144,178	0	75	8,675	1,637	9,814	346	94,590	1,018	3,364	22,249	2,410
12	HARVARD UNIVERSITY	141,308	115	103	8,173	1,075	4,229	781	102,132	56	4,056	18,566	2,022
13	UNIV OF ILL URBANA	138,225	43,996	547	18,589	343	11,557	1,562	19,393	355	2,561	36,293	3,029
14	UNIV OF CAL SAN FRANCISCO	136,413	410	0	1,769	763	2,975	107	127,877	0	773	1,739	0
15	UNIVERSITY OF MINNESOTA	134,892	14,776	890	4,159	2,711	4,778	1,299	87,164	368	1,993	16,489	265
16	UNIV OF PENNSYLVANIA	119,775	431	50	6,014	1,805	5,864	0	90,391	30	473	14,518	199
17	PENNSYLVANIA STATE UNIV	110,456	19,307	560	40,862	2,112	2,700	668	25,214	3,557	4,006	10,870	600
18	UNIV OF SOUTHERN CAL	108,379	0	754	35,070	665	1,160	79	58,432	266	1,841	10,033	79
19	UNIV OF CAL BERKELEY	108,252	7,303	61	12,350	1,746	3,442	471	40,361	414	13,436	28,267	401
20	WASHINGTON UNIVERSITY	98,794	200	0	2,380	98	1,181	0	87,257	0	2,267	5,411	0
TOTAL 1ST	20 INSTITUTIONS	3,289,681	127,388	19,270	683,901	28,637	176,956	12,128	1,678,091	8,534	114,201	427,079	13,896
21	UNIVERSITY OF COLORADO	95,973	205	9,630	6,387	1,738	3,320	413	48,227	663	10,992	14,396	2
22	DUKE UNIVERSITY	93,242	100	116	3,479	106	2,947	1,513	77,120	0	765	7,096	0
23	UNIVERSITY OF ROCHESTER	92,089	80	0	6,462	164	12,757	175	64,941	0	127	7,348	5
24	UNIVERSITY OF CHICAGO	91,734	344	89	1,778	1,192	3,412	0	62,098	0	6,132	16,689	0
25	UNIV OF NC AT CHAPEL HILL	86,555	300	0	3,597	0	942	2,839	72,170	0	473	5,760	474
26	NEW YORK UNIVERSITY	81,040	0	0	4,934	1,813	6,442	955	54,104	0	690	7,174	4,928
27	UNIV OF TEXAS AT AUSTIN	79,969	471	99	37,018	1,032	8,524	772	11,547	138	4,867	15,501	0
28	OHIO STATE UNIVERSITY	79,015	17,187	691	10,440	64	2,917	515	26,092	303	2,960	9,510	8,336
29	UNIVERSITY OF PITTSBURGH	77,412	200	459	3,933	2,789	1,526	595	59,838	0	842	7,150	80
30	UNIVERSITY OF ARIZONA	72,544	5,890	381	8,683	4,215	713	1,325	31,512	798	9,225	9,262	540
TOTAL 1ST	30 INSTITUTIONS	4,139,224	152,165	30,735	770,212	41,750	220,456	21,230	2,185,740	10,436	151,274	526,965	28,261
31	CARNEGIE-MELLON UNIV	71,773	0	138	43,032	78	3,288	176	7,691	967	448	15,955	0
32	YESHIVA UNIVERSITY	69,823	0	0	280	1,670	0	0	67,233	0	0	640	0
33	UNIVERSITY OF IOWA	68,738	321	11	3,306	1,172	255	771	53,178	140	6,315	3,269	0
34	UNIV ALABAMA BIRMINGHAM	66,082	351	10	1,520	1,744	13	0	59,773	0	1,656	1,015	0
35	GEORGIA INSTITUTE OF TECH	65,031	0	189	52,137	109	1,214	225	3,297	338	2,404	4,821	297
36	UNIVERSITY OF MASSACHUSET	64,066	5,945	0	11,574	1,218	1,491	311	32,458	62	948	10,059	0
37	UNIVERSITY OF FLORIDA	61,987	11,652	2,354	7,741	950	1,708	1,150	28,602	262	1,152	6,381	35
38	CASE WESTERN RESERVE UNIV	61,205	106	0	3,677	426	396	148	47,339	0	5,202	3,911	0
39	MICHIGAN STATE UNIVERSITY	61,052	16,717	144	1,772	1,750	2,801	754	16,608	105	340	15,147	4,914
40	CALIFORNIA INST OF TECH	60,845	0	90	9,440	0	5,636	573	13,865	1,200	7,116	22,925	0
TOTAL 1ST	40 INSTITUTIONS	4,789,826	187,257	33,671	904,691	50,867	237,258	25,338	2,515,784	13,510	176,855	611,088	33,307
41	UNIVERSITY OF UTAH	60,129	60	0	7,092	1,900	4,302	26	38,600	1,125	654	6,223	147
42	VANDERBILT UNIVERSITY	59,361	102	0	3,742	2,208	430	0	48,465	0	1,597	2,747	70
43	PURDUE UNIVERSITY	59,105	14,748	105	9,992	858	4,275	242	17,509	243	1,769	9,359	5
44	INDIANA UNIVERSITY	58,379	201	0	2,053	5,880	6,187	468	29,891	139	402	13,158	0
45	BAYLOR COL OF MEDICINE	58,377	4,867	0	494	1,172	0	178	51,005	0	327	334	0
46	BOSTON UNIVERSITY	57,740	56	95	3,978	2,592	1,115	10	44,498	30	513	4,844	9
47	NORTHWESTERN UNIVERSITY	56,696	59	49	4,306	2,436	2,912	48	34,895	0	709	11,187	95
48	TEXAS A & M UNIVERSITY	56,087	24,490	2,586	6,405	844	3,713	722	6,924	119	2,669	6,999	616
49	UNIV OF MD COLLEGE PARK	55,680	6,290	1,010	13,533	2,489	5,464	845	4,097	61	8,357	12,669	895
50	UNIVERSITY OF MIAMI	53,965	0	1,077	3,965	1,371	235	0	37,922	0	824	8,099	72
TOTAL 1ST	50 INSTITUTIONS	5,364,945	238,130	38,593	960,251	72,587	265,891	27,877	2,829,590	15,227	194,676	686,707	35,416

SEE FOOTNOTES AT END OF TABLE.

TABLE B-8. — FEDERAL OBLIGATIONS FOR ACADEMIC SCIENCE/ENGINEERING TO THE 100 UNIVERSITIES AND COLLEGES RECEIVING THE LARGEST AMOUNTS BY AGENCY: FISCAL YEAR 1987

CONTINUED

(DOLLARS IN THOUSANDS)

RANK	INSTITUTION (RANKED BY AMOUNT RECEIVED)	TOTAL	USDA	CDN	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
51	UNIV OF CAL DAVIS	53,152	3,832	0	1,616	728	4,408	181	30,240	1,259	1,249	6,956	2,683
52	UNIVERSITY OF VIRGINIA	50,273	70	1,543	3,382	2,775	1,863	369	32,703	80	1,797	5,641	50
53	U TEX HLTH SCI CTR DALLAS	49,564	0	0	0	121	0	0	48,245	0	843	355	0
54	EMORY UNIVERSITY	48,901	0	0	390	895	70	0	46,009	0	193	1,344	0
55	PRINCETON UNIVERSITY	48,366	0	30	8,673	200	4,417	77	14,302	0	3,256	17,341	70
56	LOUISIANA STATE UNIV	46,361	10,578	2,161	2,670	1,800	1,434	710	23,103	138	470	3,247	50
57	OREGON STATE UNIVERSITY	46,060	12,922	3,217	6,119	221	624	2,115	7,603	1,573	664	9,552	1,450
58	UNIVERSITY OF GEORGIA	44,732	15,601	1,050	984	869	9,778	633	8,624	70	183	5,235	1,705
59	N C STATE UNIV AT RALEIGH	43,748	21,168	1,385	6,488	587	1,318	1,013	3,402	369	1,631	4,360	2,027
60	UNIVERSITY OF CONNECTICUT	43,705	3,439	5,056	2,476	1,809	524	150	27,838	105	0	2,308	0
	TOTAL 1ST 60 INSTITUTIONS	5,839,807	305,740	53,035	993,049	82,992	290,327	33,125	3,071,699	18,821	204,962	743,046	43,451
61	UNIV OF CAL IRVINE	42,440	126	0	5,662	412	3,278	252	23,068	0	1,212	8,430	0
62	UNIVERSITY OF OREGON MAIN	42,131	57	56	1,979	4,467	23,472	0	6,930	21	338	4,811	0
63	UNIVERSITY OF CINCINNATI	40,249	400	237	2,062	482	295	4,641	29,236	0	794	2,102	0
64	SUNY AT STONY BROOK	40,134	0	0	1,089	45	3,381	0	22,340	47	958	12,304	0
65	ROCKEFELLER UNIVERSITY	38,888	100	0	100	0	1,026	390	36,066	0	31	1,175	0
66	TUFTS UNIVERSITY	38,419	10,399	0	370	832	1,129	2,725	21,087	0	41	1,836	0
67	COLORADO STATE UNIVERSITY	36,924	7,488	1,810	4,747	396	1,388	531	10,457	552	1,262	7,808	485
68	CUNY MT SINAI SCH OF MED	36,329	0	0	0	334	79	224	35,171	0	45	476	0
69	UNIV OF ILL CHICAGO	35,672	0	0	4,102	1,746	729	81	28,471	0	340	148	55
70	WOODS HOLE OCNGRPHIC INST	35,620	0	1,206	14,050	0	957	0	431	270	189	18,917	0
	TOTAL 1ST 70 INSTITUTIONS	6,226,613	324,310	56,344	1,027,180	91,306	325,641	41,969	3,284,916	19,711	210,172	801,053	43,991
71	BROWN UNIVERSITY	34,916	64	110	4,804	1,031	7,668	13	12,122	199	1,541	7,364	0
72	UNIVERSITY OF KENTUCKY	34,432	14,872	101	929	419	690	188	14,603	335	413	1,857	25
73	VIRGINIA COMMONHLTH UNIV	34,298	50	0	1,114	1,438	126	308	30,366	0	396	500	0
74	UNIV OF HAWAII-MANOA	33,789	4,401	854	1,552	2,553	1,236	25	7,224	0	5,342	9,037	1,565
75	SUNY AT BUFFALO	33,352	0	0	1,955	543	994	0	21,021	0	443	8,396	0
76	VA POLYTECH INST & ST U	33,105	13,535	0	5,736	300	2,002	655	2,895	1,319	2,387	3,894	382
77	UNIV OF MISSOURI COLUMBIA	32,635	14,890	0	907	1,011	498	170	10,645	23	0	2,138	2,753
78	IOWA ST U OF SCI & TECH	32,540	17,093	361	830	725	6,744	225	3,097	138	564	2,478	285
79	NEW MEXICO STATE UNIV	31,851	4,835	0	17,356	287	386	210	1,486	155	5,752	1,384	0
80	UNIVERSITY OF NEW MEXICO	30,937	0	80	13,668	2,164	998	2	10,281	30	953	2,761	0
	TOTAL 1ST 80 INSTITUTIONS	6,558,468	394,090	57,850	1,075,631	101,777	347,003	43,765	3,398,656	21,910	227,963	840,862	49,001
81	RUTGERS THE ST UNIV OF NJ	30,911	7,062	120	2,109	925	268	403	11,215	438	63	8,183	125
82	UNIV OF MD BALT PROF SCH	30,444	0	0	2,035	40	0	75	27,608	0	0	686	0
83	UTAH STATE UNIVERSITY	30,252	5,165	0	15,214	3,511	108	1,176	1,442	295	1,223	2,118	0
84	U TENNESSEE KNOXVILLE	29,834	13,988	0	3,012	2,111	2,058	475	4,692	10	858	2,546	84
85	U TEX HLTH SCI CTR HOUSTN	29,410	0	0	330	0	0	49	27,850	0	1,181	0	0
86	UNIV OF SOUTH CAROLINA	29,337	0	0	944	656	16,903	111	7,618	79	51	2,975	0
87	U TEX HLTH SCI CTR S ANTO	28,457	0	0	1,060	97	0	0	26,854	0	49	397	0
88	UNIV OF VT & ST AGRIC COL	28,175	4,532	0	230	1,586	208	60	20,290	123	0	1,146	0
89	UNIV OF CAL SANTA BARBARA	28,064	3	0	8,923	930	2,792	708	3,813	116	1,446	8,710	623
90	U TEXAS SYSTEM CANCER CTR	26,906	0	0	0	0	220	0	26,420	0	0	266	0
	TOTAL 1ST 90 INSTITUTIONS	6,850,258	424,800	57,970	1,109,488	111,633	369,560	46,822	3,556,458	22,971	232,834	867,889	49,833
91	FLORIDA STATE UNIVERSITY	26,595	14	544	2,598	634	12,500	670	3,389	0	996	4,424	786
92	GEORGE WASHINGTON UNIV	26,300	0	94	2,553	2,871	438	95	16,413	0	2,486	1,232	118
93	UNIVERSITY OF KANSAS	26,264	54	164	1,272	3,867	341	388	15,564	0	1,413	2,362	839
94	MISSISSIPPI STATE UNIV	25,513	14,299	0	6,730	1,256	1,976	157	704	0	264	62	65
95	UNIV OF MED & DENT OF N J	24,768	0	0	0	0	3,000	396	20,947	0	0	425	0
96	WASHINGTON STATE UNIV	23,467	11,295	100	1,571	389	582	168	5,285	195	118	3,458	146
97	TEMPLE UNIVERSITY	23,000	100	0	249	1,576	469	80	18,805	0	0	1,781	0
98	DARTMOUTH COLLEGE	22,576	356	0	1,540	128	629	316	17,248	0	357	2,002	0
99	GEORGETOWN UNIVERSITY	22,555	174	37	2,102	1,346	77	352	15,901	0	47	779	1,740
100	AUBURN UNIVERSITY	22,007	12,098	98	5,670	1,171	505	575	482	160	662	534	52
	TOTAL 1ST 100 INSTITUTIONS	7,093,263	463,190	59,007	1,133,773	124,871	390,077	49,989	3,671,196	23,286	239,177	885,118	53,579

1/ INCLUDES DOT, AID, HUD, LABOR, AND NRC.

SOURCE: NATIONAL SCIENCE FOUNDATION, SRS

TABLE B-9. — FEDERAL OBLIGATIONS FOR RESEARCH & DEVELOPMENT TO THE 100 UNIVERSITIES AND COLLEGES RECEIVING THE LARGEST AMOUNTS BY AGENCY: FISCAL YEAR 1987 1/

(DOLLARS IN THOUSANDS)

RANK	INSTITUTION (RANKED BY AMOUNT RECEIVED)	TOTAL	USDA	CON	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 2/
	TOTAL, ALL INSTITUTIONS	7,240,090	295,985	91,807	1,098,911	85,229	370,531	67,076	3,833,764	39,434	293,644	987,457	76,252
1	JOHNS HOPKINS UNIVERSITY	374,656	40	372	225,522	358	2,957	552	132,088	0	3,496	7,804	1,467
2	STANFORD UNIVERSITY	201,049	140	0	40,805	392	16,195	741	96,179	268	22,737	23,992	0
3	MASS INST OF TECHNOLOGY	187,623	411	2,072	45,397	248	44,323	290	45,949	788	12,069	35,710	366
4	UNIVERSITY OF WASHINGTON	164,891	2,173	4,218	22,985	1,912	6,415	1,091	98,459	456	4,044	23,136	0
5	UNIV OF CAL SAN DIEGO	151,768	150	5,942	23,672	191	3,015	72	68,452	552	9,644	40,078	0
6	UNIV OF CAL LOS ANGELES	147,795	136	0	12,922	185	13,891	872	98,361	126	5,449	15,453	400
7	UNIVERSITY OF MICHIGAN	134,977	833	313	11,140	240	4,883	792	86,178	0	8,914	20,599	1,085
8	UNIV OF WIS-MADISON	134,021	8,675	2,829	5,697	226	12,420	709	74,906	0	7,176	20,433	950
9	YALE UNIVERSITY	132,909	414	0	9,697	285	7,781	200	103,543	0	656	10,333	0
10	COLUMBIA UNIV MAIN DIV	130,724	0	75	8,675	195	5,814	346	87,315	1,018	3,346	21,530	2,410
	TOTAL 1ST 10 INSTITUTIONS	1,760,413	12,972	15,821	406,512	4,232	117,694	5,665	891,430	3,208	77,533	218,668	6,678
11	CORNELL UNIVERSITY	128,695	8,509	46	14,321	146	4,678	1,468	60,678	280	3,696	34,278	595
12	UNIV OF CAL SAN FRANCISCO	124,811	410	0	1,229	751	2,835	107	117,345	0	773	1,361	0
13	HARVARD UNIVERSITY	123,301	115	103	7,108	199	3,964	781	89,621	56	4,030	15,312	2,022
14	UNIVERSITY OF MINNESOTA	119,746	6,226	890	4,059	1,656	4,778	1,299	82,462	368	1,975	12,768	265
15	UNIV OF PENNSYLVANIA	109,388	431	50	6,014	603	5,670	0	81,947	30	419	14,025	199
16	UNIV OF SOUTHERN CAL	104,395	0	754	35,070	26	1,160	79	55,274	266	1,823	9,864	79
17	UNIV OF ILL URBANA	96,761	7,322	547	17,081	65	11,345	1,562	17,704	355	2,525	35,226	3,029
18	UNIV OF CAL BERKELEY	96,748	7,303	61	12,310	471	3,428	471	34,335	414	13,250	24,304	401
19	PENNSYLVANIA STATE UNIV	94,615	7,071	560	40,862	204	2,700	655	23,849	3,557	3,970	10,601	586
20	WASHINGTON UNIVERSITY	89,095	200	0	2,190	65	1,181	0	78,355	0	2,159	4,905	0
	TOTAL 1ST 20 INSTITUTIONS	2,847,928	50,559	18,832	546,756	8,418	159,433	12,087	1,533,000	8,534	112,143	384,312	13,854
21	UNIVERSITY OF COLORADO	87,623	205	9,122	6,067	192	3,097	411	43,652	663	10,459	13,753	2
22	UNIVERSITY OF ROCHESTER	85,674	80	0	6,462	0	11,422	171	60,087	0	127	7,320	5
23	DUKE UNIVERSITY	84,622	100	116	3,479	0	2,447	1,513	70,600	0	747	5,620	0
24	UNIVERSITY OF CHICAGO	82,769	344	89	1,778	189	3,412	0	55,223	0	5,961	12,773	0
25	UNIV OF NC AT CHAPEL HILL	81,473	300	0	3,597	0	942	2,839	67,299	0	473	5,549	474
26	UNIV OF TEXAS AT AUSTIN	76,495	471	99	36,738	0	8,254	772	10,583	138	4,777	14,663	0
27	NEW YORK UNIVERSITY	75,966	0	0	4,734	555	6,442	955	50,596	0	690	7,066	4,928
28	UNIVERSITY OF PITTSBURGH	72,236	200	459	3,933	1,018	1,526	995	54,811	0	546	7,068	80
29	CARNEGIE-MELLON UNIV	69,454	0	122	42,752	78	3,198	176	6,458	967	448	15,255	0
30	YESHIVA UNIVERSITY	65,028	0	0	280	1,362	0	0	62,746	0	0	640	0
	TOTAL 1ST 30 INSTITUTIONS	3,629,268	52,259	28,839	656,576	11,812	200,173	19,519	2,017,055	10,302	136,371	477,019	19,343
31	OHIO STATE UNIVERSITY	64,573	7,025	661	9,130	18	2,847	511	24,057	303	2,924	8,761	8,336
32	UNIVERSITY OF ARIZONA	64,491	3,266	381	8,533	1,491	713	1,325	29,639	798	8,910	8,895	540
33	UNIVERSITY OF IOWA	63,479	75	11	3,246	450	255	771	48,965	140	6,315	3,251	0
34	UNIV ALABAMA BIRMINGHAM	62,240	330	10	1,520	1,062	0	0	56,710	0	1,603	1,005	0
35	UNIVERSITY OF MASSACHUSET	57,913	2,734	0	11,424	466	1,491	311	31,194	62	912	9,319	0
36	CALIFORNIA INST OF TECH	57,122	0	90	9,440	0	5,476	573	11,920	1,200	6,662	21,761	0
37	CASE WESTERN RESERVE UNIV	56,774	106	0	3,677	419	396	148	43,597	0	4,548	3,883	0
38	UNIVERSITY OF UTAH	56,590	60	0	7,092	439	4,217	23	36,761	1,125	654	6,072	147
39	BAYLOR COL OF MEDICINE	56,255	4,867	0	494	1,172	0	178	48,901	0	309	334	0
40	VANDERBILT UNIVERSITY	54,653	102	0	3,742	1,441	430	0	44,596	0	1,543	2,729	70
	TOTAL 1ST 40 INSTITUTIONS	4,223,358	70,824	29,992	714,874	18,770	215,998	23,359	2,393,395	13,930	170,751	543,029	28,436
41	BOSTON UNIVERSITY	53,331	56	95	3,898	1,421	925	10	41,714	30	513	4,660	9
42	NORTHWESTERN UNIVERSITY	53,061	59	49	4,306	1,580	2,912	48	32,314	0	709	10,989	95
43	UNIVERSITY OF FLORIDA	52,888	5,820	2,354	7,741	103	1,708	1,073	26,727	262	1,066	5,999	35
44	UNIV OF CAL DAVIS	50,289	3,509	0	1,616	682	4,213	181	28,121	1,259	1,231	6,794	2,683
45	INDIANA UNIVERSITY	50,005	201	0	2,053	0	6,123	468	27,815	139	402	12,804	0
46	UNIVERSITY OF MIAMI	49,547	0	1,077	3,965	301	235	0	35,675	0	733	7,489	72
47	MICHIGAN STATE UNIVERSITY	48,897	7,857	144	1,732	337	2,580	754	15,367	105	340	14,767	4,914
48	UNIV OF MD COLLEGE PARK	48,728	2,510	845	13,484	952	4,994	845	3,745	61	7,875	12,522	895
49	EMORY UNIVERSITY	47,294	0	0	390	775	70	0	44,522	0	193	1,344	0
50	PURDUE UNIVERSITY	46,332	5,727	105	9,992	187	4,245	242	15,643	243	1,662	8,281	5
	TOTAL 1ST 50 INSTITUTIONS	4,723,730	96,563	34,661	764,051	25,108	244,003	26,980	2,665,038	16,029	185,475	628,678	37,144

SEE FOOTNOTES AT END OF TABLE.

TABLE B-9. — FEDERAL OBLIGATIONS FOR RESEARCH & DEVELOPMENT TO THE 100 UNIVERSITIES AND COLLEGES RECEIVING THE LARGEST AMOUNTS BY AGENCY: FISCAL YEAR 1987 1/

CONTINUED

(DOLLARS IN THOUSANDS)

RANK	INSTITUTION (RANKED BY AMOUNT RECEIVED)	TOTAL	USDA	CON	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 2/
51	U TEX HLTH SCI CTR DALLAS	45,994	0	0	0	0	0	0	44,832	0	825	337	0
52	GEORGIA INSTITUTE OF TECH	45,187	0	189	33,247	105	1,214	225	2,859	338	2,368	4,383	259
53	UNIVERSITY OF VIRGINIA	44,732	70	1,513	3,342	2,030	1,863	294	28,358	80	1,707	5,425	50
54	PRINCETON UNIVERSITY	44,286	0	30	8,671	39	4,083	77	12,113	0	3,256	15,947	70
55	OREGON STATE UNIVERSITY	40,059	8,306	3,168	6,049	103	624	2,115	7,047	1,573	647	8,977	1,450
56	UNIV OF CAL IRVINE	39,384	126	0	5,662	346	3,128	252	20,922	0	1,212	7,736	0
57	UNIVERSITY OF CONNECTICUT	38,806	1,258	5,054	2,476	968	510	150	26,025	105	0	2,258	0
58	TEXAS A & M UNIVERSITY	38,642	9,449	2,471	6,336	10	3,643	667	6,503	119	2,199	6,629	616
59	SUNY AT STONY BROOK	38,014	0	0	1,059	0	2,901	0	20,864	47	923	12,220	0
60	ROCKEFELLER UNIVERSITY	37,051	100	0	100	0	1,026	390	34,301	0	31	1,103	0
	TOTAL 1ST 60 INSTITUTIONS	5,135,885	115,872	47,088	830,993	28,709	262,995	31,150	2,868,862	18,291	198,643	693,693	39,589
61	LOUISIANA STATE UNIV	36,581	3,851	2,161	2,670	295	1,434	710	21,817	138	470	2,985	50
62	TUFTS UNIVERSITY	36,241	10,399	0	370	259	1,129	2,722	19,521	0	41	1,800	0
63	CUNY MT SINAI SCH OF MED	34,851	0	0	0	290	79	224	33,755	0	45	458	0
64	WOODS HOLE OCNGRPHIC INST	34,711	0	1,176	14,090	0	557	0	431	270	189	18,038	0
65	UNIVERSITY OF CINCINNATI	34,488	400	237	2,062	70	295	975	27,589	0	758	2,102	0
66	UNIVERSITY OF GEORGIA	33,489	6,109	1,050	984	67	9,358	633	8,146	70	183	5,184	1,705
67	UNIV OF ILL CHICAGO	32,490	0	0	4,102	712	729	81	26,323	0	340	148	55
68	COLORADO STATE UNIVERSITY	31,492	3,935	1,810	4,707	378	1,388	496	9,270	552	1,137	7,334	485
69	VIRGINIA COMMONWLTH UNIV	31,477	50	0	1,114	877	126	308	28,106	0	396	500	0
70	N C STATE UNIV AT RALEIGH	30,195	8,738	1,385	6,469	0	1,318	1,013	3,061	369	1,631	4,184	2,027
	TOTAL 1ST 70 INSTITUTIONS	5,471,900	149,354	54,907	867,521	31,657	279,408	38,312	3,046,881	19,690	203,833	736,426	43,911
71	UNIV OF HAWAII-MANOA	29,154	3,102	854	1,552	1,043	1,236	25	6,458	0	4,615	8,704	1,565
72	UNIV OF MD BALT PROF SCH	28,278	0	0	2,035	0	0	75	25,601	0	0	567	0
73	U TEX HLTH SCI CTR HOUSTN	28,148	0	0	330	0	0	48	26,589	0	1,181	0	0
74	BROWN UNIVERSITY	27,710	64	60	4,797	340	2,548	0	10,887	199	1,505	7,310	0
75	UNIV OF CAL SANTA BARBARA	27,322	3	0	8,923	642	2,720	708	3,661	116	1,428	8,498	623
76	SUNY AT BUFFALO	27,295	0	0	1,955	174	994	0	19,630	0	407	4,095	0
77	U TEX HLTH SCI CTR S ANTO	26,725	0	0	910	0	0	0	25,369	0	49	397	0
78	U TEXAS SYSTEM CANCER CTR	26,134	0	0	0	0	220	0	25,648	0	0	266	0
79	RUTGERS THE ST UNIV OF NJ	25,730	3,630	120	2,109	316	268	342	10,218	438	63	8,101	125
80	FLORIDA STATE UNIVERSITY	25,680	14	544	2,598	172	12,500	670	3,094	0	878	4,424	786
	TOTAL 1ST 80 INSTITUTIONS	5,744,036	156,167	56,485	892,730	34,344	299,894	40,180	3,204,036	20,443	213,959	778,788	47,010
81	UTAH STATE UNIVERSITY	25,170	2,856	0	14,894	1,230	108	1,175	1,370	295	1,223	2,019	0
82	UNIVERSITY OF NEW MEXICO	25,158	0	80	11,568	661	998	0	8,321	30	883	2,617	0
83	NEW MEXICO STATE UNIV	25,072	2,422	0	14,276	0	386	170	777	155	5,453	1,233	0
84	UNIV OF VT & ST AGRIC COL	23,922	1,969	0	230	964	208	60	19,220	123	0	1,146	0
85	UNIVERSITY OF KENTUCKY	23,906	5,994	101	729	95	690	188	13,772	335	147	1,830	25
86	GEORGE WASHINGTON UNIV	23,640	0	94	2,513	696	438	95	16,181	0	2,486	1,037	100
87	VA POLYTECH INST & ST U	23,588	5,247	0	5,286	165	2,002	695	2,628	1,319	2,276	3,647	363
88	UNIVERSITY OF KANSAS	22,988	54	164	1,272	2,092	341	388	14,212	0	1,413	2,213	839
89	UNIV OF MISSOURI COLUMBIA	22,035	6,325	0	507	0	498	170	9,639	23	0	2,120	2,753
90	DARTMOUTH COLLEGE	21,489	356	0	1,520	0	629	316	16,327	0	357	1,984	0
	TOTAL 1ST 90 INSTITUTIONS	5,981,004	181,390	56,924	945,525	40,249	306,192	43,397	3,306,483	22,723	228,397	798,634	51,090
91	TEMPLE UNIVERSITY	21,361	100	0	249	925	449	50	17,939	0	0	1,629	0
92	WAKE FOREST UNIVERSITY	21,100	0	0	140	0	133	0	20,438	0	216	173	0
93	UNIV OF MED & DENT OF N J	20,666	0	0	0	0	0	394	19,847	0	0	425	0
94	U TEX MED BRNCH GALVESTON	20,202	111	0	790	0	0	102	18,517	0	469	213	0
95	GEORGETOWN UNIVERSITY	20,046	174	37	2,032	201	77	352	14,633	0	22	778	1,740
96	UNIVERSITY OF DAYTON	19,944	68	59	19,150	0	0	156	70	0	232	79	130
97	WAYNE STATE UNIVERSITY	19,603	0	0	522	455	256	0	16,991	0	33	1,623	123
98	U TENNESSEE KNOXVILLE	18,517	4,572	0	3,012	686	2,058	451	4,240	10	858	2,546	84
99	TULANE UNIVERSITY	18,062	0	0	187	64	0	0	15,310	0	37	544	1,920
100	OREGON HLTH SCIENCES UNIV	17,884	0	0	80	0	0	0	17,707	0	95	2	0
	TOTAL 1ST 100 INSTITUTIONS	6,178,389	186,415	57,020	971,687	42,580	309,185	44,902	3,451,775	22,733	230,399	806,646	55,087

1/ DOES NOT INCLUDE R&D OBLIGATIONS TO UNIVERSITY-ASSOCIATED FFRDC'S.

2/ INCLUDES DOT, AID, HUD, LABOR, AND NRC.

SOURCE: NATIONAL SCIENCE FOUNDATION, SRS

TABLE B-10. — FEDERAL OBLIGATIONS FOR FELLOWSHIPS, TRAINEESHIPS, AND TRAINING GRANTS TO THE 100 UNIVERSITIES AND COLLEGES RECEIVING THE LARGEST AMOUNTS BY AGENCY: FISCAL YEAR 1987

(DOLLARS IN THOUSANDS)

RANK	INSTITUTION (RANKED BY AMOUNT RECEIVED)	TOTAL	USDA	CON	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
	TOTAL, ALL INSTITUTIONS	290,942	4,701	559	2,327	11,813	596	1,818	232,529	0	8,688	27,702	209
1	HARVARD UNIVERSITY	13,964	0	0	5	476	0	0	10,873	0	36	2,574	0
2	STANFORD UNIVERSITY	12,135	0	0	3	583	0	0	7,755	0	500	3,294	0
3	JOHNS HOPKINS UNIVERSITY	11,380	0	0	0	68	0	0	10,801	0	15	468	28
4	YALE UNIVERSITY	10,099	0	0	3	335	0	0	9,177	0	0	540	0
5	UNIVERSITY OF MICHIGAN	9,031	0	0	559	389	0	0	6,832	0	279	702	0
6	UNIV OF CAL SAN FRANCISCO	8,620	0	0	0	12	0	0	8,230	0	0	378	0
7	UNIVERSITY OF WASHINGTON	8,395	0	0	0	438	0	28	7,318	0	53	558	0
8	UNIV OF PENNSYLVANIA	8,259	0	0	0	527	0	0	7,300	0	54	378	0
9	UNIV OF CAL BERKELEY	7,857	0	0	40	534	14	0	4,379	0	136	2,754	0
10	WASHINGTON UNIVERSITY	7,702	0	0	0	33	0	0	7,345	0	108	216	0
	TOTAL 1ST 10 INSTITUTIONS	97,398	0	0	610	3,665	14	28	80,010	0	1,181	11,862	28
11	UNIVERSITY OF CHICAGO	7,390	0	0	0	568	0	0	5,859	0	171	792	0
12	COLUMBIA UNIV MAIN DIV	7,371	0	0	0	622	0	0	6,407	0	18	324	0
13	MASS INST OF TECHNOLOGY	7,360	0	0	6	28	0	0	3,889	0	71	3,366	0
14	UNIV OF CAL LOS ANGELES	6,540	192	0	0	397	0	0	5,627	0	54	270	0
15	CORNELL UNIVERSITY	6,270	288	343	0	657	0	0	3,668	0	90	1,224	0
16	UNIV OF WIS-MADISON	6,045	96	30	0	82	0	0	5,116	0	19	702	0
17	UNIV OF CAL SAN DIEGO	5,800	0	30	0	10	0	0	5,256	0	126	378	0
18	DUKE UNIVERSITY	5,258	0	0	0	0	0	0	5,024	0	18	216	0
19	UNIV OF NC AT CHAPEL HILL	4,394	0	0	0	0	0	0	4,214	0	0	180	0
20	YESHIVA UNIVERSITY	4,364	0	0	0	204	0	0	4,160	0	0	0	0
	TOTAL 1ST 20 INSTITUTIONS	158,190	576	403	616	6,233	14	28	129,230	0	1,748	19,314	28
21	UNIVERSITY OF COLORADO	3,867	0	0	0	58	0	2	3,525	0	120	162	0
22	UNIVERSITY OF MINNESOTA	3,839	96	0	0	86	0	0	3,369	0	18	270	0
23	UNIVERSITY OF VIRGINIA	3,743	0	30	0	154	0	75	3,178	0	90	216	0
24	VANDERBILT UNIVERSITY	3,518	0	0	0	15	0	0	3,431	0	54	18	0
25	UNIVERSITY OF IOWA	3,507	192	0	0	31	0	0	3,266	0	0	18	0
26	CASE WESTERN RESERVE UNIV	3,466	0	0	0	7	0	0	2,805	0	654	0	0
27	UNIVERSITY OF ROCHESTER	3,438	0	0	0	0	0	4	3,416	0	0	18	0
28	PRINCETON UNIVERSITY	3,216	0	0	2	161	0	0	1,685	0	0	1,368	0
29	NEW YORK UNIVERSITY	3,102	0	0	0	105	0	0	2,889	0	0	108	0
30	CALIFORNIA INST OF TECH	3,079	0	0	0	0	0	0	1,725	0	454	900	0
	TOTAL 1ST 30 INSTITUTIONS	192,965	864	433	618	6,850	14	109	158,519	0	3,138	22,392	28
31	UNIV OF ILL URBANA	2,545	240	0	638	39	0	0	1,232	0	36	360	0
32	BOSTON UNIVERSITY	2,402	0	0	0	140	0	0	2,262	0	0	0	0
33	U TEX MLTH SCI CTR DALLAS	2,218	0	0	0	0	0	0	2,182	0	18	18	0
34	UNIV ALABAMA BIRMINGHAM	2,196	0	0	0	22	13	0	2,108	0	53	0	0
35	UNIV OF SOUTHERN CAL	2,193	0	0	0	262	0	0	1,859	0	18	54	0
36	UNIVERSITY OF PITTSBURGH	2,116	0	0	0	140	0	0	1,922	0	0	54	0
37	NORTHWESTERN UNIVERSITY	2,087	0	0	0	97	0	0	1,792	0	0	198	0
38	INDIANA UNIVERSITY	1,901	0	0	0	138	24	0	1,605	0	0	144	0
39	UNIV OF CAL DAVIS	1,758	288	0	0	0	0	0	1,290	0	18	162	0
40	UNIVERSITY OF ARIZONA	1,995	0	0	0	117	0	0	1,234	0	36	108	0
	TOTAL 1ST 40 INSTITUTIONS	213,976	1,392	433	1,256	7,805	41	109	176,105	0	3,317	23,490	28
41	BAYLOR COL OF MEDICINE	1,587	0	0	0	0	0	0	1,569	0	18	0	0
42	ROCKEFELLER UNIVERSITY	1,538	0	0	0	0	0	0	1,466	0	0	72	0
43	VIRGINIA COMMONWLTH UNIV	1,520	0	0	0	0	0	0	1,520	0	0	0	0
44	UNIV OF CAL IRVINE	1,519	0	0	0	0	0	0	1,501	0	0	18	0
45	UNIVERSITY OF FLORIDA	1,433	0	0	0	85	0	77	1,109	0	36	126	0
46	UNIVERSITY OF CONNECTICUT	1,388	0	0	0	115	14	0	1,259	0	0	0	0
47	PENNSYLVANIA STATE UNIV	1,325	96	0	0	96	0	13	908	0	36	162	14
48	MICHIGAN STATE UNIVERSITY	1,187	0	0	0	183	0	0	842	0	0	162	0
49	UNIVERSITY OF UTAH	1,182	0	0	0	45	0	3	1,008	0	0	126	0
50	PURDUE UNIVERSITY	1,142	174	0	0	0	0	0	627	0	107	234	0
	TOTAL 1ST 50 INSTITUTIONS	227,797	1,662	433	1,256	8,329	55	202	187,914	0	3,514	24,390	42

SEE FOOTNOTES AT END OF TABLE.

TABLE B-10. — FEDERAL OBLIGATIONS FOR FELLOWSHIPS, TRAINEESHIPS, AND TRAINING GRANTS TO THE 100 UNIVERSITIES AND COLLEGES RECEIVING THE LARGEST AMOUNTS BY AGENCY: FISCAL YEAR 1987

CONTINUED

(DOLLARS IN THOUSANDS)

RANK	INSTITUTION (RANKED BY AMOUNT RECEIVED)	TOTAL	USDA	CON	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
51	CUNY MT SINAI SCH OF MED	1,136	0	0	0	0	0	0	1,118	0	0	18	0
52	UNIVERSITY OF MIAMI	1,123	0	0	0	0	0	0	1,123	0	0	0	0
53	UNIV OF TEXAS AT AUSTIN	1,064	0	0	0	10	0	0	478	0	90	486	0
54	BROWN UNIVERSITY	1,025	0	0	7	18	0	13	897	0	36	54	0
55	UNIVERSITY OF MASSACHUSET	1,022	0	0	0	3	0	0	857	0	36	126	0
56	COLORADO STATE UNIVERSITY	1,018	96	0	0	18	0	35	690	0	125	54	0
57	BRANDEIS UNIVERSITY	1,006	0	0	0	0	0	0	970	0	0	36	0
58	UNIVERSITY OF CINCINNATI	990	0	0	0	0	0	106	848	0	36	0	0
59	ROCHESTER INST TECHNOLOGY	976	0	0	976	0	0	0	0	0	0	0	0
60	UNIVERSITY OF KANSAS	966	0	0	0	125	0	0	823	0	0	18	0
TOTAL 1ST	60 INSTITUTIONS	238,123	1,758	433	2,239	8,503	55	356	195,718	0	3,837	25,182	42
61	WAYNE STATE UNIVERSITY	926	0	0	0	25	0	0	901	0	0	0	0
62	TEXAS A & M UNIVERSITY	868	192	0	9	13	0	95	75	0	470	54	0
63	U TEX HLTH SCI CTR S ANTO	867	0	0	0	0	0	0	867	0	0	0	0
64	UNIV OF MISSOURI COLUMBIA	852	192	0	0	0	0	0	642	0	0	18	0
65	U TEX HLTH SCI CTR HOUSTN	837	0	0	0	0	0	1	836	0	0	0	0
66	LOUISIANA STATE UNIV	831	96	0	0	7	0	0	692	0	0	36	0
67	TUFTS UNIVERSITY	818	0	0	0	77	0	9	702	0	0	36	0
68	SUNY AT BUFFALO	785	0	0	0	0	0	0	749	0	36	0	0
69	CARNEGIE-MELLON UNIV	777	0	0	0	0	0	0	381	0	0	396	0
70	SUNY AT STONY BROOK	765	0	0	0	0	0	0	730	0	35	0	0
TOTAL 1ST	70 INSTITUTIONS	246,449	2,238	433	2,248	8,625	55	415	202,293	0	4,378	25,722	42
71	TEMPLE UNIVERSITY	704	0	0	0	85	0	0	601	0	0	18	0
72	OREGON HLTH SCIENCES UNIV	704	0	0	0	18	0	0	686	0	0	0	0
73	UNIV OF MD COLLEGE PARK	656	0	0	49	0	0	0	123	0	430	54	0
74	UNIVERSITY OF OKLAHOMA	649	0	0	0	112	0	0	519	0	0	18	0
75	OHIO STATE UNIVERSITY	628	0	30	0	46	0	4	458	0	36	54	0
76	EMORY UNIVERSITY	620	0	0	0	0	0	0	620	0	0	0	0
77	N C STATE UNIV AT RALEIGH	608	192	0	19	16	0	0	237	0	0	144	0
78	UNIV OF VT & ST AGRIC COL	596	0	0	0	0	0	0	596	0	0	0	0
79	THOMAS JEFFERSON UNIV	594	0	0	0	0	0	0	594	0	0	0	0
80	UNIVERSITY OF OREGON MAIN	585	0	0	0	20	0	0	547	0	0	18	0
TOTAL 1ST	80 INSTITUTIONS	252,793	2,430	463	2,316	8,922	55	419	207,274	0	4,844	26,028	42
81	ALBANY MEDICAL COLLEGE	577	0	0	0	0	0	0	577	0	0	0	0
82	FLORIDA A & M UNIVERSITY	576	103	0	0	0	0	0	136	0	337	0	0
83	UNIV OF ILL CHICAGO	574	0	0	0	0	0	0	574	0	0	0	0
84	WAKE FOREST UNIVERSITY	573	0	0	0	0	0	0	573	0	0	0	0
85	OLD DOMINION UNIVERSITY	557	0	0	0	7	0	0	28	0	522	0	0
86	TULANE UNIVERSITY	555	0	0	0	76	0	32	393	0	18	36	0
87	UNIVERSITY OF NEW MEXICO	540	0	0	0	79	0	2	335	0	70	54	0
88	OREGON STATE UNIVERSITY	531	0	30	0	0	0	0	412	0	17	72	0
89	UNIVERSITY OF N DAKOTA	524	0	0	0	77	0	0	447	0	0	0	0
90	HOWARD UNIVERSITY	523	0	0	0	0	0	32	407	0	48	36	0
TOTAL 1ST	90 INSTITUTIONS	258,323	2,533	493	2,316	9,161	55	485	211,156	0	5,856	26,226	42
91	UNIV OF MD BALT PROF SCH	495	0	0	0	0	0	0	495	0	0	0	0
92	WRIGHT STATE UNIVERSITY	494	0	0	0	0	0	1	0	0	493	0	0
93	U TEXAS SYSTEM CANCER CTR	491	0	0	0	0	0	0	491	0	0	0	0
94	ST LOUIS UNIVERSITY	489	0	0	0	0	0	0	489	0	0	0	0
95	UNIVERSITY OF GEORGIA	486	154	0	0	0	0	0	314	0	0	18	0
96	DARTMOUTH COLLEGE	483	0	0	0	7	0	0	458	0	0	18	0
97	UNIV ALABAMA HUNTSVILLE	468	0	0	0	2	0	0	0	0	466	0	0
98	MEDICAL COLLEGE OF WIS	454	0	0	0	0	0	0	454	0	0	0	0
99	RUTGERS THE ST UNIV OF NJ	448	0	0	0	0	0	61	351	0	0	36	0
100	TUSKEGEE INSTITUTE	446	129	0	0	10	0	0	289	0	18	0	0
TOTAL 1ST	100 INSTITUTIONS	263,077	2,816	493	2,316	9,180	55	547	214,497	0	6,833	26,298	42

1/ INCLUDES DOT, AID, HUD, LABOR, AND NRC.

SOURCE: NATIONAL SCIENCE FOUNDATION, SRS

TABLE B-11. — FEDERAL OBLIGATIONS FOR GENERAL SUPPORT FOR SCIENCE/ENGINEERING TO THE 100 UNIVERSITIES AND COLLEGES RECEIVING THE LARGEST AMOUNTS BY AGENCY: FISCAL YEAR 1987

(DOLLARS IN THOUSANDS)

RANK	INSTITUTION (RANKED BY AMOUNT RECEIVED)	TOTAL	USDA	CON	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
	TOTAL, ALL INSTITUTIONS	236,933	0	0	5,900	108,136	0	4,310	113,068	0	0	5,519	0
1	UNIVERSITY OF NEW MEXICO	3,919	0	0	1,330	1,244	0	0	1,345	0	0	0	0
2	UNIVERSITY OF CINCINNATI	3,894	0	0	0	0	0	3,560	334	0	0	0	0
3	UNIVERSITY OF WASHINGTON	3,710	0	0	0	2,411	0	0	1,169	0	0	130	0
4	UNIVERSITY OF MICHIGAN	2,923	0	0	0	1,090	0	0	1,691	0	0	142	0
5	HOWARD UNIVERSITY	2,860	0	0	0	708	0	0	2,152	0	0	0	0
6	JOHNS HOPKINS UNIVERSITY	2,594	0	0	0	1,473	0	0	1,121	0	0	0	0
7	UTAH STATE UNIVERSITY	2,549	0	0	140	2,281	0	0	29	0	0	99	0
8	UNIVERSITY OF MINNESOTA	2,473	0	0	0	969	0	0	1,226	0	0	278	0
9	NORTH TEXAS STATE UNIV	2,451	0	0	1,680	742	0	0	29	0	0	0	0
10	GEORGE WASHINGTON UNIV	2,328	0	0	0	1,934	0	0	199	0	0	195	0
TOTAL 1ST	10 INSTITUTIONS	29,701	0	0	3,150	12,852	0	3,560	9,295	0	0	844	0
11	UNIV OF CAL BERKELEY	2,321	0	0	0	741	0	0	1,314	0	0	266	0
12	UNIVERSITY OF ARIZONA	2,314	0	0	0	1,602	0	0	539	0	0	173	0
13	UNIVERSITY OF PITTSBURGH	2,273	0	0	0	1,631	0	0	642	0	0	0	0
14	UNIVERSITY OF KANSAS	2,179	0	0	0	1,650	0	0	529	0	0	0	0
15	CORNELL UNIVERSITY	2,160	0	0	0	886	0	0	1,004	0	0	270	0
16	YALE UNIVERSITY	2,128	0	0	0	431	0	0	1,689	0	0	8	0
17	EASTERN OREGON ST COLLEGE	2,117	0	0	0	2,117	0	0	0	0	0	0	0
18	UNIV OF P R-RIO PIEDRAS	2,066	0	0	0	113	0	0	1,953	0	0	0	0
19	MEHARRY MEDICAL COLLEGE	2,055	0	0	0	0	0	0	2,055	0	0	0	0
20	CUNY HOSTOS CMTY COLLEGE	2,000	0	0	0	2,000	0	0	0	0	0	0	0
TOTAL 1ST	20 INSTITUTIONS	51,314	0	0	3,150	24,023	0	3,560	19,020	0	0	1,561	0
21	UNIV OF CAL LOS ANGELES	1,891	0	0	0	861	0	0	1,030	0	0	0	0
22	UNIV OF MD COLLEGE PARK	1,829	0	0	0	1,507	0	0	229	0	0	93	0
23	UNIV OF CAL SAN FRANCISCO	1,783	0	0	60	0	0	0	1,723	0	0	0	0
24	UNIV OF PENNSYLVANIA	1,739	0	0	0	675	0	0	1,064	0	0	0	0
25	HARVARD UNIVERSITY	1,724	0	0	0	400	0	0	1,324	0	0	0	0
26	BOSTON UNIVERSITY	1,718	0	0	0	1,031	0	0	522	0	0	165	0
27	UNIVERSITY OF COLORADO	1,717	0	0	0	475	0	0	1,050	0	0	192	0
28	FLORIDA ATLANTIC UNIV	1,710	0	0	0	1,710	0	0	0	0	0	0	0
29	UNIV OF TEXAS AT AUSTIN	1,684	0	0	0	1,022	0	0	486	0	0	176	0
30	UNIVERSITY OF UTAH	1,671	0	0	0	1,144	0	0	527	0	0	0	0
TOTAL 1ST	30 INSTITUTIONS	68,780	0	0	3,210	32,848	0	3,560	26,975	0	0	2,187	0
31	CALIF ST UNIV LOS ANGELES	1,594	0	0	0	0	0	0	1,594	0	0	0	0
32	LOUISIANA STATE UNIV	1,592	0	0	0	935	0	0	594	0	0	63	0
33	UNIVERSITY OF IOWA	1,591	0	0	60	584	0	0	947	0	0	0	0
34	COLUMBIA UNIV MAIN DIV	1,588	0	0	0	820	0	0	768	0	0	0	0
35	UNIVERSITY OF ROCHESTER	1,579	0	0	0	164	0	0	1,405	0	0	10	0
36	STANFORD UNIVERSITY	1,575	0	0	0	959	0	0	591	0	0	25	0
37	NORTHWESTERN UNIVERSITY	1,548	0	0	0	759	0	0	789	0	0	0	0
38	OHIO STATE UNIVERSITY	1,537	0	0	0	0	0	0	1,448	0	0	89	0
39	NEW YORK UNIVERSITY	1,530	0	0	0	911	0	0	619	0	0	0	0
40	UNIVERSITY OF MIAMI	1,511	0	0	0	387	0	0	1,124	0	0	0	0
TOTAL 1ST	40 INSTITUTIONS	84,425	0	0	3,270	38,367	0	3,560	36,854	0	0	2,374	0
41	UNIVERSITY OF VIRGINIA	1,507	0	0	0	591	0	0	916	0	0	0	0
42	UNIV OF WIS-MADISON	1,465	0	0	0	22	0	0	1,264	0	0	179	0
43	PENNSYLVANIA STATE UNIV	1,426	0	0	0	898	0	0	457	0	0	71	0
44	UNIVERSITY OF FLORIDA	1,418	0	0	0	652	0	0	766	0	0	0	0
45	UNIV OF SOUTHERN CAL	1,404	0	0	0	377	0	0	1,027	0	0	0	0
46	UNIV OF ILL CHICAGO	1,396	0	0	0	409	0	0	987	0	0	0	0
47	MOREHOUSE SCHOOL OF MED	1,383	0	0	0	0	0	0	1,383	0	0	0	0
48	TUSKEGEE INSTITUTE	1,372	0	0	0	100	0	0	1,272	0	0	0	0
49	VIRGINIA COMMONWLTH UNIV	1,301	0	0	0	561	0	0	740	0	0	0	0
50	PURDUE UNIVERSITY	1,290	0	0	0	171	0	0	1,119	0	0	0	0
TOTAL 1ST	50 INSTITUTIONS	98,387	0	0	3,270	42,148	0	3,560	46,785	0	0	2,624	0

SEE FOOTNOTES AT END OF TABLE.

TABLE B-11. — FEDERAL OBLIGATIONS FOR GENERAL SUPPORT FOR SCIENCE/ENGINEERING TO THE 100 UNIVERSITIES AND COLLEGES RECEIVING THE LARGEST AMOUNTS BY AGENCY: FISCAL YEAR 1987

CONTINUED

(DOLLARS IN THOUSANDS)

RANK	INSTITUTION (RANKED BY AMOUNT RECEIVED)	TOTAL	USDA	CDH	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
51	UNIV OF MISSOURI COLUMBIA	1,279	0	0	0	1,011	0	0	268	0	0	0	0
52	UNIVERSITY OF CHICAGO	1,275	0	0	0	435	0	0	837	0	0	3	0
53	UNIVERSITY OF OKLAHOMA	1,273	0	0	0	893	0	0	380	0	0	0	0
54	NORTHERN ILLINOIS UNIV	1,269	0	0	0	1,164	0	0	26	0	0	79	0
55	MICHIGAN STATE UNIVERSITY	1,247	0	0	0	730	0	0	399	0	0	118	0
56	UNIV OF HAWAII-MANOA	1,243	0	0	0	775	0	0	468	0	0	0	0
57	UNIV OF CAL SAN DIEGO	1,234	0	0	0	0	0	0	1,084	0	0	150	0
58	SOUTHERN ILL U-CARBONDALE	1,196	0	0	0	1,100	0	0	96	0	0	0	0
59	VANDERBILT UNIVERSITY	1,190	0	0	0	752	0	0	438	0	0	0	0
60	WAYNE STATE UNIVERSITY	1,185	0	0	0	68	0	0	1,117	0	0	0	0
TOTAL 1ST	60 INSTITUTIONS	110,778	0	0	3,270	49,076	0	3,560	51,898	0	0	2,974	0
61	DUKE UNIVERSITY	1,166	0	0	0	106	0	0	941	0	0	119	0
62	UNIV OF ARK FAYETTEVILLE	1,143	0	0	150	972	0	0	21	0	0	0	0
63	UNIVERSITY OF CONNECTICUT	1,139	0	0	0	585	0	0	554	0	0	0	0
64	JACKSON STATE UNIVERSITY	1,136	0	0	0	541	0	0	595	0	0	0	0
65	UNIV ALABAMA BIRMINGHAM	1,125	0	0	0	160	0	0	955	0	0	10	0
66	UNIVERSITY OF OREGON MAIN	1,123	0	0	0	967	0	0	145	0	0	11	0
67	COLUMBIA U TEACHERS COL	1,073	0	0	0	1,073	0	0	0	0	0	0	0
68	WASHINGTON UNIVERSITY	1,063	0	0	0	0	0	0	1,063	0	0	0	0
69	U TENNESSEE KNOXVILLE	1,061	0	0	0	937	0	0	124	0	0	0	0
70	FLORIDA A & M UNIVERSITY	1,059	0	0	0	0	0	0	1,059	0	0	0	0
TOTAL 1ST	70 INSTITUTIONS	121,866	0	0	3,420	54,417	0	3,560	57,355	0	0	3,114	0
71	UNIV OF CAL IRVINE	1,055	0	0	0	66	0	0	645	0	0	344	0
72	TUFTS UNIVERSITY	1,040	0	0	0	220	0	0	820	0	0	0	0
73	EMORY UNIVERSITY	987	0	0	0	120	0	0	867	0	0	0	0
74	UNIVERSITY OF GEORGIA	966	0	0	0	802	0	0	164	0	0	0	0
75	UNIV OF MD BALT PROF SCH	952	0	0	0	40	0	0	793	0	0	119	0
76	TEMPLE UNIVERSITY	935	0	0	0	566	0	0	265	0	0	104	0
77	UNIV OF VT & ST AGRIC COL	922	0	0	0	620	0	0	302	0	0	0	0
78	UNIVERSITY OF MASSACHUSET	906	0	0	0	395	0	0	407	0	0	104	0
79	WEST VIRGINIA UNIVERSITY	900	0	0	0	813	0	0	87	0	0	0	0
80	UNIV OF NEBRASKA-LINCOLN	893	0	0	0	738	0	0	155	0	0	0	0
TOTAL 1ST	80 INSTITUTIONS	131,422	0	0	3,420	58,797	0	3,560	61,860	0	0	3,785	0
81	CASE WESTERN RESERVE UNIV	874	0	0	0	0	0	0	846	0	0	28	0
82	UNIV OF CAL DAVIS	843	0	0	0	46	0	0	797	0	0	0	0
83	U TEX HLTH SCI CTR DALLAS	839	0	0	0	121	0	0	718	0	0	0	0
84	GEORGETOWN UNIVERSITY	837	0	0	0	409	0	0	427	0	0	1	0
85	MONTANA STATE UNIVERSITY	828	0	0	0	43	0	0	785	0	0	0	0
86	U OF TEXAS AT SAN ANTONIO	817	0	0	0	0	0	0	817	0	0	0	0
87	CUNY HUNTER COLLEGE	798	0	0	0	0	0	0	798	0	0	0	0
88	TRINITY COL (VT)	798	0	0	0	798	0	0	0	0	0	0	0
89	SUNY AT STONY BROOK	796	0	0	0	45	0	0	746	0	0	5	0
90	UNIV OF P R-MED SCI CMPUS	785	0	0	0	26	0	0	759	0	0	0	0
TOTAL 1ST	90 INSTITUTIONS	139,637	0	0	3,420	60,285	0	3,560	68,553	0	0	3,819	0
91	NEW MEXICO STATE UNIV	782	0	0	0	85	0	0	546	0	0	151	0
92	TEXAS A & M UNIVERSITY	781	0	0	60	374	0	0	346	0	0	1	0
93	SUNY AT BUFFALO	775	0	0	0	0	0	0	642	0	0	133	0
94	XAVIER UNIVERSITY OF LA	759	0	0	0	49	0	0	710	0	0	0	0
95	RUTGERS THE ST UNIV OF NJ	755	0	0	0	109	0	0	646	0	0	0	0
96	CARNEGIE-MELLON UNIV	746	0	0	0	0	0	0	741	0	0	5	0
97	FLORIDA INTERNATIONAL U	739	0	0	0	399	0	0	340	0	0	0	0
98	WESTERN OREGON STATE COLL	735	0	0	0	735	0	0	0	0	0	0	0
99	MEDICAL COLLEGE OF WIS	729	0	0	0	124	0	0	605	0	0	0	0
100	SUNY UPSTATE MEDICAL CTR	727	0	0	0	577	0	0	150	0	0	0	0
TOTAL 1ST	100 INSTITUTIONS	147,165	0	0	3,480	62,737	0	3,560	73,279	0	0	4,109	0

1/ INCLUDES DOT, AID, HUD, LABOR, AND NRC.

SOURCE: NATIONAL SCIENCE FOUNDATION, SRS

TABLE B-12. — FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES FOR RESEARCH AND DEVELOPMENT BY DETAILED FIELD AND AGENCY: FISCAL YEAR 1987

(DOLLARS IN THOUSANDS)

FIELD OF SCIENCE/ENGINEERING	TOTAL	USDA	COM	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
TOTAL, ALL FIELDS	7,240,090	295,985	91,807	1,098,911	85,229	370,531	67,076	3,833,764	39,434	293,644	987,457	76,252
ENGINEERING, TOTAL	986,870	11,978	1,647	457,780	0	56,448	6,795	43,036	13,274	63,831	124,847	7,234
AERONAUTICAL	40,019	0	0	16,266	0	0	0	0	0	23,697	56	0
ASTRONAUTICAL	23,474	0	0	19,021	0	47	0	0	0	4,402	4	0
CHEMICAL	52,273	0	245	3,603	0	17,554	2,028	0	222	1,610	27,011	0
CIVIL	30,218	0	196	4,076	0	413	3,663	0	108	113	19,488	2,161
ELECTRICAL	195,645	0	117	160,562	0	352	0	0	255	7,111	27,248	0
MECHANICAL	60,037	0	32	20,497	0	11,343	0	0	0	6,771	20,707	687
METALLURGY & MATERIALS	98,233	0	688	31,428	0	20,710	0	0	12,067	9,829	20,460	3,051
ENGINEERING, NEC	486,971	11,978	369	402,327	0	6,029	1,104	43,036	622	10,298	9,873	1,335
ALL SCIENCES, TOTAL	6,253,220	284,007	90,160	441,131	85,229	314,083	60,281	3,790,728	26,160	229,813	862,610	69,018
PHYSICAL SCIENCES, TOTAL	824,135	11,401	3,490	93,594	0	204,263	1,849	92,826	0	112,113	304,450	149
ASTRONOMY	84,587	0	1,433	3,300	0	0	0	0	0	54,872	24,982	0
CHEMISTRY	271,146	11,401	1,094	30,183	0	27,247	1,551	90,345	0	4,340	104,985	0
PHYSICS	405,756	0	903	56,623	0	176,981	179	2,410	0	38,287	130,224	149
PHYSICAL SCIENCES, NEC	62,646	0	60	3,488	0	35	119	71	0	14,614	44,259	0
MATHEMATICAL/COMPUTER SCIENCES, TOTAL	195,762	2,200	2,623	43,900	0	21,769	294	6,293	0	13,716	104,549	418
MATHEMATICAL SCIENCES	116,039	2,200	237	25,167	0	17,058	144	6,293	0	953	63,957	30
COMPUTER SCIENCES	76,431	0	2,108	18,217	0	4,632	150	0	0	10,344	40,592	388
MATHEMATICAL/COMPUTER SCI, NEC	3,292	0	278	516	0	79	0	0	0	2,419	0	0
ENVIRONMENTAL SCIENCES, TOTAL	496,444	2,416	73,809	68,963	0	21,260	26,945	0	18,119	77,470	203,593	3,869
ATMOSPHERIC SCIENCES	151,294	1,259	16,597	22,758	0	3,608	280	0	1,231	41,756	62,725	1,080
GEOLOGICAL SCIENCES	118,662	1,157	64	6,974	0	12,499	4,187	0	5,130	17,600	68,374	2,677
OCEANOGRAPHY	150,225	0	57,148	38,613	0	3,660	0	0	328	7,204	43,272	0
ENVIRONMENTAL SCIENCES, NEC	76,263	0	0	618	0	1,493	22,478	0	11,430	10,910	29,222	112
LIFE SCIENCES, TOTAL	4,034,476	237,979	4,799	91,139	54,093	40,832	25,348	3,341,524	7,567	19,957	165,607	45,631
BIOLOGICAL (EXCL. ENV BIO)	2,179,502	69,915	1,239	15,523	0	30,801	19,807	1,891,341	0	11,659	135,806	3,411
ENVIRONMENTAL BIOLOGY	87,628	39,886	235	2,968	0	0	1,812	316	3,510	628	29,275	8,998
AGRICULTURAL	149,484	115,451	3,325	1,286	0	0	770	438	4,054	794	0	23,366
MEDICAL	1,546,711	12,727	0	70,930	0	8,497	886	1,440,518	3	3,184	110	9,856
LIFE SCIENCES, NEC	71,151	0	0	432	54,093	1,534	2,073	8,911	0	3,692	416	0
PSYCHOLOGY, TOTAL	176,474	0	0	15,562	0	0	0	147,105	160	2,341	9,080	2,226
BIOLOGICAL ASPECTS	46,194	0	0	119	0	0	0	39,767	0	289	6,019	0
SOCIAL ASPECTS	51,507	0	0	15,240	0	0	0	30,714	160	270	2,897	2,226
PSYCHOLOGY, NEC	78,773	0	0	203	0	0	0	76,624	0	1,782	164	0
SOCIAL SCIENCES, TOTAL	173,654	30,011	5,350	2,088	19,245	75	1,658	70,405	314	267	28,302	15,939
ANTHROPOLOGY	6,998	428	0	0	0	0	0	1,509	21	0	4,946	94
ECONOMICS	56,013	22,623	5,350	539	0	75	1,068	5,500	3	0	10,655	10,200
HISTORY	1,634	0	0	0	0	0	0	33	0	160	1,441	0
LINGUISTICS	2,843	0	0	0	0	0	0	220	0	0	2,623	0
POLITICAL SCIENCE	5,492	0	0	389	819	0	409	813	0	0	2,987	75
SOCIOLOGY	41,796	6,960	0	12	0	0	0	28,983	290	0	2,512	3,039
SOCIAL SCIENCES, NEC	58,878	0	0	1,148	18,426	0	181	33,347	0	107	3,138	2,531
OTHER SCIENCES, NEC	352,275	0	89	125,885	11,891	25,884	4,187	132,575	0	3,949	47,029	786

1/ INCLUDES DOT, AID, HUD, LABOR, AND NRC.

NOTE: DATA FOR EACH YEAR REFLECT SUPPORT FROM THE AGENCIES INCLUDED IN THE SURVEY SYSTEM FOR THAT YEAR.

SOURCE: NATIONAL SCIENCE FOUNDATION, SRS

TABLE B-13. — HHS OBLIGATIONS TO UNIVERSITIES AND COLLEGES FOR RESEARCH AND DEVELOPMENT BY DETAILED FIELD AND HHS COMPONENT: FISCAL YEAR 1987

(DOLLARS IN THOUSANDS)

FIELD OF SCIENCE/ENGINEERING	TOTAL	NIH	HRSA	ADAMHA	CDC	FDA	OHDS	HCFA	SSA	OASH	OTHER DHHS
TOTAL, ALL FIELDS	3,833,764	3,517,197	5,361	264,885	11,606	5,479	9,747	7,100	0	9,494	2,895
ENGINEERING, TOTAL	43,036	43,036	0	0	0	0	0	0	0	0	0
AERONAUTICAL	0	0	0	0	0	0	0	0	0	0	0
ASTRONAUTICAL	0	0	0	0	0	0	0	0	0	0	0
CHEMICAL	0	0	0	0	0	0	0	0	0	0	0
CIVIL	0	0	0	0	0	0	0	0	0	0	0
ELECTRICAL	0	0	0	0	0	0	0	0	0	0	0
MECHANICAL	0	0	0	0	0	0	0	0	0	0	0
METALLURGY & MATERIALS	0	0	0	0	0	0	0	0	0	0	0
ENGINEERING, NEC	43,036	43,036	0	0	0	0	0	0	0	0	0
ALL SCIENCES, TOTAL	3,790,728	3,474,161	5,361	264,885	11,606	5,479	9,747	7,100	0	9,494	2,895
PHYSICAL SCIENCES, TOTAL	92,826	88,124	0	4,702	0	0	0	0	0	0	0
ASTRONOMY	0	0	0	0	0	0	0	0	0	0	0
CHEMISTRY	90,345	85,643	0	4,702	0	0	0	0	0	0	0
PHYSICS	2,410	2,410	0	0	0	0	0	0	0	0	0
PHYSICAL SCIENCES, NEC	71	71	0	0	0	0	0	0	0	0	0
MATHEMATICAL/COMPUTER SCIENCES, TOTAL	6,293	5,740	0	553	0	0	0	0	0	0	0
MATHEMATICAL SCIENCES	6,293	5,740	0	553	0	0	0	0	0	0	0
COMPUTER SCIENCES	0	0	0	0	0	0	0	0	0	0	0
MATHEMATICAL/COMPUTER SCI, NEC	0	0	0	0	0	0	0	0	0	0	0
ENVIRONMENTAL SCIENCES, TOTAL	0	0	0	0	0	0	0	0	0	0	0
ATMOSPHERIC SCIENCES	0	0	0	0	0	0	0	0	0	0	0
GEOLOGICAL SCIENCES	0	0	0	0	0	0	0	0	0	0	0
OCEANOGRAPHY	0	0	0	0	0	0	0	0	0	0	0
ENVIRONMENTAL SCIENCES, NEC	0	0	0	0	0	0	0	0	0	0	0
LIFE SCIENCES, TOTAL	3,341,524	3,162,076	5,361	155,146	11,606	5,479	0	0	0	1,856	0
BIOLOGICAL (EXCL. ENV BIO)	1,891,341	1,800,070	0	89,164	0	2,107	0	0	0	0	0
ENVIRONMENTAL BIOLOGY	316	172	0	144	0	0	0	0	0	0	0
AGRICULTURAL	438	0	0	219	0	219	0	0	0	0	0
MEDICAL	1,440,518	1,359,962	5,361	58,580	11,606	3,153	0	0	0	1,856	0
LIFE SCIENCES, NEC	8,911	1,872	0	7,039	0	0	0	0	0	0	0
PSYCHOLOGY, TOTAL	147,105	74,659	0	72,446	0	0	0	0	0	0	0
BIOLOGICAL ASPECTS	39,767	0	0	39,767	0	0	0	0	0	0	0
SOCIAL ASPECTS	30,714	0	0	30,714	0	0	0	0	0	0	0
PSYCHOLOGY, NEC	76,624	74,659	0	1,965	0	0	0	0	0	0	0
SOCIAL SCIENCES, TOTAL	70,405	22,576	0	27,818	0	0	9,747	0	0	7,638	2,626
ANTHROPOLOGY	1,509	0	0	1,509	0	0	0	0	0	0	0
ECONOMICS	5,500	0	0	1,626	0	0	0	0	0	1,248	2,626
HISTORY	33	0	0	33	0	0	0	0	0	0	0
LINGUISTICS	220	0	0	220	0	0	0	0	0	0	0
POLITICAL SCIENCE	813	0	0	813	0	0	0	0	0	0	0
SOCIOLOGY	28,983	0	0	22,593	0	0	0	0	0	6,390	0
SOCIAL SCIENCES, NEC	33,347	22,576	0	1,024	0	0	9,747	0	0	0	0
OTHER SCIENCES, NEC	132,575	120,986	0	4,220	0	0	0	7,100	0	0	269

NOTE: DATA FOR EACH YEAR REFLECT SUPPORT FROM THE AGENCIES INCLUDED IN THE SURVEY SYSTEM FOR THAT YEAR.

SOURCE: NATIONAL SCIENCE FOUNDATION, SRS

TABLE B-14. — DOD OBLIGATIONS TO UNIVERSITIES AND COLLEGES FOR RESEARCH AND DEVELOPMENT BY DETAILED FIELD AND DOD COMPONENT: FISCAL YEAR 1987

(DOLLARS IN THOUSANDS)

FIELD OF SCIENCE/ENGINEERING	TOTAL	ARMY	NAVY	AIR FORCE	OTHER
TOTAL, ALL FIELDS	1,098,911	205,116	596,406	259,089	38,300
ENGINEERING, TOTAL	657,780	95,517	399,822	132,864	29,577
AERONAUTICAL	16,266	2,127	2,659	11,480	0
ASTRONAUTICAL	19,021	11,972	2,694	4,355	0
CHEMICAL	3,603	947	228	2,368	60
CIVIL	4,076	408	1,355	1,954	359
ELECTRICAL	160,562	21,823	87,955	46,523	4,261
MECHANICAL	20,497	7,389	4,538	8,423	147
METALLURGY & MATERIALS	31,428	11,679	9,395	10,354	0
ENGINEERING, NEC	402,327	39,172	290,998	47,407	24,750
ALL SCIENCES, TOTAL	441,131	109,599	196,584	126,225	8,723
PHYSICAL SCIENCES, TOTAL	93,594	18,054	28,723	46,606	211
ASTRONOMY	3,300	0	699	2,601	0
CHEMISTRY	30,185	6,406	7,679	16,098	0
PHYSICS	56,623	10,105	18,482	27,825	211
PHYSICAL SCIENCES, NEC	3,488	1,543	1,863	82	0
MATHEMATICAL/COMPUTER SCIENCES, TOTAL	43,900	11,234	13,808	18,688	170
MATHEMATICAL SCIENCES	25,167	4,771	5,189	15,207	0
COMPUTER SCIENCES	18,217	6,463	8,103	3,481	170
MATHEMATICAL/COMPUTER SCI, NEC	516	0	516	0	0
ENVIRONMENTAL SCIENCES, TOTAL	68,963	5,691	43,166	20,106	0
ATMOSPHERIC SCIENCES	22,758	3,628	2,408	16,722	0
GEOLOGICAL SCIENCES	6,974	2,063	1,913	2,998	0
OCEANOGRAPHY	38,613	0	38,551	62	0
ENVIRONMENTAL SCIENCES, NEC	618	0	294	324	0
LIFE SCIENCES, TOTAL	91,139	56,645	19,130	15,312	52
BIOLOGICAL (EXCL. ENV BIO)	15,523	3,053	5,239	7,179	52
ENVIRONMENTAL BIOLOGY	2,968	666	816	1,486	0
AGRICULTURAL	1,286	964	237	85	0
MEDICAL	70,930	51,962	12,406	6,562	0
LIFE SCIENCES, NEC	432	0	432	0	0
PSYCHOLOGY, TOTAL	15,562	2,340	7,381	5,741	100
BIOLOGICAL ASPECTS	119	0	119	0	0
SOCIAL ASPECTS	15,240	2,137	7,262	5,741	100
PSYCHOLOGY, NEC	203	203	0	0	0
SOCIAL SCIENCES, TOTAL	2,088	62	1,726	240	60
ANTHROPOLOGY	0	0	0	0	0
ECONOMICS	539	32	447	0	60
HISTORY	0	0	0	0	0
LINGUISTICS	0	0	0	0	0
POLITICAL SCIENCE	389	0	389	0	0
SOCIOLOGY	12	0	12	0	0
SOCIAL SCIENCES, NEC	1,148	30	878	240	0
OTHER SCIENCES, NEC	125,885	15,573	82,650	19,532	8,130

NOTE: DATA FOR EACH YEAR REFLECT SUPPORT FROM THE AGENCIES INCLUDED IN THE SURVEY SYSTEM FOR THAT YEAR.

SOURCE: NATIONAL SCIENCE FOUNDATION, SRS

TABLE B-15. — FEDERAL OBLIGATIONS FOR RESEARCH AND DEVELOPMENT TO THE 100 UNIVERSITIES AND COLLEGES RECEIVING THE LARGEST AMOUNTS BY AREA OF SCIENCE/ENGINEERING: FISCAL YEAR 1987 1/

(DOLLARS IN THOUSANDS)

RANK	INSTITUTION (RANKED BY AMOUNT RECEIVED)	TOTAL	ENGI-NEERING	PHYSICAL SCIENCES	MATH & COMPUTER SCIENCES	ENVIRON-MENTAL SCIENCES	LIFE SCIENCES	PSYCHOL-OGY	SOCIAL SCIENCES	OTHER SCIENCES, NEC
	TOTAL, ALL INSTITUTIONS	7,240,090	984,870	824,135	195,762	496,444	4,034,476	176,474	173,654	352,275
1	JOHNS HOPKINS UNIVERSITY	374,656	223,738	7,996	844	2,568	126,029	5,155	3,836	4,490
2	STANFORD UNIVERSITY	201,049	33,798	45,879	9,798	6,126	89,182	5,509	3,439	7,318
3	MASS INST OF TECHNOLOGY	187,623	50,216	65,001	5,365	15,398	45,022	3,424	308	2,889
4	UNIVERSITY OF WASHINGTON	164,891	14,832	11,201	3,399	24,785	96,878	4,888	2,407	6,501
5	UNIV OF CAL SAN DIEGO	151,768	5,592	11,827	1,166	40,304	68,430	2,195	1,289	20,965
6	UNIV OF CAL LOS ANGELES	147,795	8,076	18,831	2,855	7,241	94,947	4,554	3,063	8,228
7	UNIVERSITY OF MICHIGAN	134,977	15,457	12,417	2,352	9,323	72,867	5,306	10,315	6,940
8	UNIV OF WIS-MADISON	134,021	6,732	20,286	6,358	9,717	77,408	6,552	4,695	2,273
9	YALE UNIVERSITY	132,909	4,197	12,399	3,950	2,109	99,138	3,152	2,094	5,870
10	COLUMBIA UNIV MAIN DIV	130,724	6,109	13,460	2,220	17,967	84,518	1,957	1,293	3,200
TOTAL 1ST	10 INSTITUTIONS	1,760,413	368,747	219,297	38,307	135,538	854,419	42,692	32,739	68,674
11	CORNELL UNIVERSITY	128,695	12,111	18,868	5,421	7,634	70,851	1,282	2,340	10,188
12	UNIV OF CAL SAN FRANCISCO	124,811	355	1,755	0	54	114,897	2,915	2,179	2,656
13	HARVARD UNIVERSITY	123,301	2,060	15,364	2,498	5,651	87,323	2,048	4,095	4,302
14	UNIVERSITY OF MINNESOTA	119,746	6,218	10,429	5,976	2,921	76,905	4,051	3,162	10,084
15	UNIV OF PENNSYLVANIA	109,388	5,298	15,001	2,799	43	77,266	3,144	2,330	3,507
16	UNIV OF SOUTHERN CAL	104,395	26,391	8,782	2,316	3,852	49,367	2,579	2,864	8,244
17	UNIV OF ILL URBANA	96,761	19,031	22,358	7,400	5,401	27,714	2,897	1,761	10,199
18	UNIV OF CAL BERKELEY	96,748	10,589	24,971	5,952	2,517	44,706	3,085	2,942	1,986
19	PENNSYLVANIA STATE UNIV	94,615	46,831	8,380	1,193	4,531	29,323	1,531	1,900	926
20	WASHINGTON UNIVERSITY	89,055	2,519	2,808	1,015	1,770	76,639	1,040	575	2,689
TOTAL 1ST	20 INSTITUTIONS	2,847,928	500,150	348,013	72,877	169,912	1,509,410	67,264	56,847	123,455
21	UNIVERSITY OF COLORADO	87,623	3,620	14,617	3,278	16,872	41,664	2,538	1,128	3,906
22	UNIVERSITY OF ROCHESTER	85,674	3,926	9,412	1,350	407	53,887	2,543	1,250	12,899
23	DUKE UNIVERSITY	84,622	3,035	4,873	1,380	1,782	66,752	2,614	1,712	2,474
24	UNIVERSITY OF CHICAGO	82,769	1,411	15,486	2,179	5,104	55,297	1,530	1,237	525
25	UNIV OF NC AT CHAPEL HILL	81,473	1,664	3,568	1,997	1,849	61,681	2,133	3,333	5,248
26	UNIV OF TEXAS AT AUSTIN	76,495	34,839	17,046	2,170	6,432	10,292	1,348	336	4,032
27	NEW YORK UNIVERSITY	75,966	3,515	3,794	7,289	1,117	55,047	2,029	468	2,707
28	UNIVERSITY OF PITTSBURGH	72,236	3,409	7,668	2,018	740	45,986	7,467	2,197	2,751
29	CARNEGIE-MELLON UNIV	69,454	46,374	5,166	3,433	122	6,279	1,105	888	6,087
30	YESHIVA UNIVERSITY	65,028	0	0	0	0	62,710	2,000	32	286
TOTAL 1ST	30 INSTITUTIONS	3,629,268	601,943	429,643	97,971	204,337	1,969,005	92,571	69,428	164,370
31	OHIO STATE UNIVERSITY	64,573	8,054	7,944	1,500	3,142	28,648	933	8,689	5,663
32	UNIVERSITY OF ARIZONA	64,491	9,319	10,470	1,899	5,469	34,014	707	1,629	984
33	UNIVERSITY OF IOWA	63,479	2,638	7,600	518	1,354	46,986	1,622	966	1,795
34	UNIV ALABAMA BIRMINGHAM	62,240	990	441	36	10	56,418	1,381	835	2,129
35	UNIVERSITY OF MASSACHUSET	57,913	4,278	5,862	3,039	2,245	32,274	2,406	696	7,113
36	CALIFORNIA INST OF TECH	57,122	9,309	25,157	1,035	6,989	13,831	384	123	294
37	CASE WESTERN RESERVE UNIV	56,774	7,619	4,018	287	190	40,619	1,105	367	2,569
38	UNIVERSITY OF UTAH	56,590	6,547	5,777	1,641	2,159	35,908	670	1,141	2,747
39	BAYLOR COL OF MEDICINE	56,255	665	331	0	0	51,538	388	1,296	2,037
40	VANDERBILT UNIVERSITY	54,653	2,751	1,608	520	233	42,821	2,340	689	3,701
TOTAL 1ST	40 INSTITUTIONS	4,223,358	654,113	498,851	108,446	226,128	2,352,062	104,527	85,829	193,402
41	BOSTON UNIVERSITY	53,331	1,415	3,030	979	924	40,777	1,735	2,316	2,155
42	NORTHWESTERN UNIVERSITY	53,061	6,178	9,321	1,737	698	32,607	617	985	918
43	UNIVERSITY OF FLORIDA	52,888	5,025	7,802	1,003	3,146	32,795	1,543	420	1,214
44	UNIV OF CAL DAVIS	50,289	2,962	3,678	729	1,319	39,669	382	430	1,120
45	INDIANA UNIVERSITY	50,005	380	14,348	1,457	582	25,529	2,240	518	4,951
46	UNIVERSITY OF MIAMI	49,547	630	746	225	9,454	34,039	1,231	1,755	1,467
47	MICHIGAN STATE UNIVERSITY	48,897	2,122	12,327	653	610	28,363	2,714	1,180	928
48	UNIV OF MD COLLEGE PARK	48,728	10,738	15,099	4,828	7,048	7,744	1,426	1,290	995
49	EMORY UNIVERSITY	47,294	510	1,578	42	0	42,428	1,085	125	1,526
50	PURDUE UNIVERSITY	46,332	9,150	7,604	2,601	1,843	19,968	848	998	3,720
TOTAL 1ST	50 INSTITUTIONS	4,723,730	693,223	574,384	122,700	251,752	2,635,921	118,348	95,406	211,996

SEE FOOTNOTES AT END OF TABLE.

TABLE B-15. -- FEDERAL OBLIGATIONS FOR RESEARCH AND DEVELOPMENT TO THE 100 UNIVERSITIES AND COLLEGES RECEIVING THE LARGEST AMOUNTS BY AREA OF SCIENCE/ENGINEERING: FISCAL YEAR 1987 1/

CONTINUED

(DOLLARS IN THOUSANDS)

RANK	INSTITUTION (RANKED BY AMOUNT RECEIVED)	TOTAL	ENGI-NEERING	PHYSICAL SCIENCES	MATH & COMPUTER SCIENCES	ENVIRON-MENTAL SCIENCES	LIFE SCIENCES	PSYCHOL-OGY	SOCIAL SCIENCES	OTHER SCIENCES, NEC
51	U TEX HLTH SCI CTR DALLAS	45,996	680	404	0	0	44,702	103	0	105
52	GEORGIA INSTITUTE OF TECH	45,187	31,425	4,114	3,103	2,499	2,640	610	230	606
53	UNIVERSITY OF VIRGINIA	44,732	2,561	5,992	1,173	1,967	29,695	1,773	781	830
54	PRINCETON UNIVERSITY	44,286	6,439	14,632	5,187	1,938	11,159	1,223	1,253	2,455
55	OREGON STATE UNIVERSITY	40,089	1,802	1,848	404	12,700	18,846	164	960	3,335
56	UNIV OF CAL IRVINE	39,384	3,106	7,985	1,376	918	23,289	520	305	1,885
57	UNIVERSITY OF CONNECTICUT	38,806	1,652	1,153	467	5,902	26,223	484	340	2,985
58	TEXAS A & M UNIVERSITY	38,642	5,698	7,038	916	5,494	16,426	171	1,110	1,789
59	SUNY AT STONY BROOK	38,014	1,992	8,388	2,399	2,751	20,997	908	465	514
60	ROCKEFELLER UNIVERSITY	37,051	203	2,214	115	145	33,460	526	0	388
TOTAL 1ST	60 INSTITUTIONS	5,135,885	748,381	628,152	137,840	285,626	2,883,318	124,830	100,850	226,888
61	LOUISIANA STATE UNIV	36,581	2,422	2,786	174	3,234	26,261	581	560	563
62	TUFTS UNIVERSITY	36,241	636	1,094	197	264	30,561	369	237	2,883
63	CUNY MT SINAI SCH OF MED	34,851	238	713	233	0	31,967	439	54	1,207
64	WOODS HOLE OCNGRPHIC INST	34,711	150	0	30	33,721	714	96	0	0
65	UNIVERSITY OF CINCINNATI	34,488	2,621	2,557	495	139	27,565	271	70	770
66	UNIVERSITY OF GEORGIA	33,489	313	2,190	506	2,529	19,805	775	1,089	6,282
67	UNIV OF ILL CHICAGO	32,490	2,227	1,352	369	134	23,740	1,395	1,363	1,910
68	COLORADO STATE UNIVERSITY	31,492	2,488	4,981	784	7,331	13,621	584	1,044	659
69	VIRGINIA COMMONWLTH UNIV	31,477	147	921	160	0	28,677	158	531	883
70	N C STATE UNIV AT RALEIGH	30,195	5,057	2,298	1,208	3,448	13,155	63	725	4,241
TOTAL 1ST	70 INSTITUTIONS	5,471,900	764,680	647,044	141,996	336,426	3,099,384	129,561	106,523	246,286
71	UNIV OF HAWAII-MANOA	29,154	648	6,721	125	8,705	10,706	414	677	1,158
72	UNIV OF MD BALT PROF SCH	28,278	102	0	165	95	23,706	743	625	2,842
73	U TEX HLTH SCI CTR HOUSTN	28,148	0	164	0	0	26,969	328	50	637
74	BROWN UNIVERSITY	27,710	2,573	5,617	2,427	3,622	9,058	1,004	320	3,089
75	UNIV OF CAL SANTA BARBARA	27,322	2,291	8,301	1,254	4,066	4,075	848	184	6,303
76	SUNY AT BUFFALO	27,255	1,627	2,217	511	620	19,833	748	210	1,389
77	U TEX HLTH SCI CTR S ANTO	26,725	0	0	0	0	24,284	127	369	1,945
78	U TEXAS SYSTEM CANCER CTR	26,134	0	302	431	0	23,813	199	5	1,384
79	RUTGERS THE ST UNIV OF NJ	25,730	1,782	5,101	2,356	264	12,056	2,095	1,628	448
80	FLORIDA STATE UNIVERSITY	25,680	774	3,396	11,310	4,137	4,034	587	1,149	293
TOTAL 1ST	80 INSTITUTIONS	5,744,036	774,477	678,963	160,575	357,935	3,257,918	136,654	111,740	265,774
81	UTAH STATE UNIVERSITY	25,170	4,646	1,552	84	9,506	7,055	86	295	1,946
82	UNIVERSITY OF NEW MEXICO	25,158	11,557	1,281	70	822	9,504	164	1,073	687
83	NEW MEXICO STATE UNIV	25,072	16,224	1,224	151	3,507	3,388	10	182	386
84	UNIV OF VT & ST AGRIC COL	23,922	125	514	0	269	20,844	215	1,114	841
85	UNIVERSITY OF KENTUCKY	23,906	1,292	1,640	309	365	17,527	996	1,232	545
86	GEORGE WASHINGTON UNIV	23,640	2,495	928	418	113	16,014	1,480	331	1,861
87	VA POLYTECH INST & ST U	23,588	7,986	3,289	1,629	1,498	7,534	323	742	587
88	UNIVERSITY OF KANSAS	22,988	1,666	1,493	407	1,379	15,277	1,239	324	1,203
89	UNIV OF MISSOURI COLUMBIA	22,035	641	1,021	461	405	17,893	209	842	563
90	DARTMOUTH COLLEGE	21,489	1,205	1,988	83	852	14,921	320	654	1,466
TOTAL 1ST	90 INSTITUTIONS	5,981,004	822,314	693,893	164,187	376,651	3,387,875	141,696	118,529	275,859
91	TEMPLE UNIVERSITY	21,361	51	978	89	0	18,287	645	623	688
92	WAKE FOREST UNIVERSITY	21,100	170	144	0	0	18,489	739	0	1,558
93	UNIV OF MED & DENT OF N J	20,666	186	0	0	153	19,160	501	0	666
94	U TEX MED BRNCH GALVESTON	20,202	79	106	0	0	18,790	417	0	810
95	GEORGETOWN UNIVERSITY	20,046	382	922	88	0	16,853	78	607	1,116
96	UNIVERSITY OF DAYTON	19,944	16,427	678	165	352	1,342	156	0	824
97	WAYNE STATE UNIVERSITY	19,603	571	2,047	226	0	15,212	584	475	488
98	U TENNESSEE KNOXVILLE	18,517	1,890	3,607	312	1,185	8,660	602	951	1,310
99	TULANE UNIVERSITY	18,062	473	175	248	0	15,889	66	64	1,147
100	OREGON HLTH SCIENCES UNIV	17,884	0	0	0	0	16,645	88	67	1,084
TOTAL 1ST	100 INSTITUTIONS	6,178,389	842,543	702,550	165,315	378,341	3,537,202	145,572	121,316	285,550

1/ DOES NOT INCLUDE R&D OBLIGATIONS TO UNIVERSITY-ASSOCIATED FFRDC'S.

SOURCE: NATIONAL SCIENCE FOUNDATION, SRS

TABLE B-16. — FEDERAL OBLIGATIONS FOR RESEARCH AND DEVELOPMENT TO UNIVERSITIES AND COLLEGES BY GEOGRAPHIC DIVISION, STATE, AND AREA OF SCIENCE/ENGINEERING: FISCAL YEAR 1987

(DOLLARS IN THOUSANDS)

GEOGRAPHIC DIVISION AND STATE	TOTAL	ENGI-NEERING	PHYSICAL SCIENCES	MATH & COMPUTER SCIENCES	ENVIRON-MENTAL SCIENCES	LIFE SCIENCES	PSYCHOL-OGY	SOCIAL SCIENCES	OTHER SCIENCES, NEC
UNITED STATES, TOTAL	7,240,090	986,870	824,135	195,762	496,444	4,034,476	176,474	173,654	352,275
NEW ENGLAND									
CONNECTICUT	174,433	5,895	14,377	4,433	7,764	126,474	3,808	2,641	9,041
MAINE	8,613	2,835	83	0	951	3,426	146	1,088	84
MASSACHUSETTS	536,122	61,733	96,460	13,273	64,232	254,870	11,864	10,878	22,812
NEW HAMPSHIRE	34,653	1,509	6,888	690	4,428	18,025	399	1,118	1,596
RHODE ISLAND	40,731	2,783	7,616	2,766	10,823	11,345	1,509	800	3,089
VERMONT	24,108	125	572	0	317	20,844	215	1,194	841
MIDDLE ATLANTIC									
NEW JERSEY	97,865	9,878	20,437	7,611	4,990	44,194	3,940	3,246	3,569
NEW YORK	752,825	49,644	73,964	24,197	40,503	490,289	19,276	11,686	43,266
PENNSYLVANIA	417,620	109,648	41,227	10,284	6,777	210,093	16,300	8,808	14,483
EAST NORTH CENTRAL									
ILLINOIS	297,368	31,830	51,166	13,617	13,141	157,980	7,382	6,663	15,589
INDIANA	111,289	12,993	28,613	4,351	2,745	49,112	3,310	1,351	8,814
MICHIGAN	213,721	21,604	28,009	3,348	10,246	119,986	8,862	12,971	8,695
OHIO	197,721	39,865	18,627	2,676	4,235	109,006	2,921	10,064	10,327
WISCONSIN	160,074	8,150	21,401	6,358	10,509	98,317	7,065	5,311	2,963
WEST NORTH CENTRAL									
IOWA	81,802	4,080	9,885	990	1,840	55,888	1,817	4,928	2,374
KANSAS	35,863	2,627	4,198	725	1,862	22,985	1,295	962	1,209
MINNESOTA	121,588	6,318	10,564	5,976	2,972	78,038	4,051	3,391	10,278
MISSOURI	129,563	5,094	4,921	1,570	3,347	107,526	1,470	1,746	3,889
NEBRASKA	28,564	664	3,247	464	2,624	19,797	390	893	485
NORTH DAKOTA	8,194	514	700	0	2,037	3,878	119	856	90
SOUTH DAKOTA	4,840	340	262	0	1,378	2,399	135	274	52
SOUTH ATLANTIC									
DELAWARE	12,067	2,772	1,469	740	1,515	3,368	735	581	887
DISTRICT OF COLUMBIA	61,057	5,711	4,256	1,145	721	40,761	2,032	2,150	4,281
FLORIDA	148,867	7,784	13,519	12,941	19,842	78,689	4,199	3,813	8,080
GEORGIA	144,144	32,806	9,240	4,202	5,210	76,996	2,639	2,083	10,968
MARYLAND	460,057	235,147	24,009	6,068	13,007	159,969	7,399	6,224	8,234
NORTH CAROLINA	228,176	10,671	11,201	4,930	7,220	166,460	6,169	7,189	14,336
SOUTH CAROLINA	33,516	-1,775	3,359	546	1,466	20,904	1,291	2,274	1,901
VIRGINIA	118,162	14,095	14,005	3,990	4,138	72,546	2,389	3,177	3,822
WEST VIRGINIA	11,901	2,317	305	56	272	7,602	239	723	387
EAST SOUTH CENTRAL									
ALABAMA	100,633	13,309	6,066	1,405	3,378	68,884	1,711	2,218	3,662
KENTUCKY	30,801	1,554	2,260	309	401	21,756	1,742	2,067	712
MISSISSIPPI	32,005	4,252	1,705	884	521	15,494	196	1,806	7,147
TENNESSEE	107,518	12,227	6,401	871	2,044	72,997	3,336	2,380	7,262
WEST SOUTH CENTRAL									
ARKANSAS	15,487	640	1,015	47	562	11,092	404	1,363	364
LOUISIANA	59,799	3,422	3,086	974	3,387	45,229	647	1,135	1,919
OKLAHOMA	32,570	2,873	3,028	781	5,789	12,919	1,038	1,812	4,330
TEXAS	378,266	52,455	35,438	9,595	16,972	238,378	4,078	5,155	16,195
MOUNTAIN									
ARIZONA	80,485	13,316	14,514	2,466	7 697	37,014	1,866	2,129	1,483
COLORADO	129,450	9,723	20,761	4,298	26,042	56,334	4,120	2,738	5,434
IDAHO	7,153	1,603	300	15	326	3,547	273	1,074	15
MONTANA	8,866	714	1,439	30	1,432	4,751	0	460	40
NEVADA	14,955	1,494	654	0	5,796	3,953	307	184	2,567
NEW MEXICO	55,135	31,034	2,604	221	5,279	12,970	174	1,708	1,148
UTAH	86,950	13,505	7,944	1,940	11,771	44,748	756	1,956	4,730
WYOMING	9,444	788	683	527	3,409	2,848	44	455	690
PACIFIC									
ALASKA	15,473	439	683	28	9,951	4,105	0	228	39
CALIFORNIA	1,056,860	109,455	165,985	28,150	80,782	567,023	25,176	19,109	61,180
HAWAII	39,558	648	6,721	125	17,550	12,011	414	931	1,158
OREGON	84,138	4,924	5,152	1,333	14,492	48,768	1,166	2,268	6,035
WASHINGTON	183,206	16,660	12,615	3,815	26,129	108,871	5,215	3,087	6,814
OUTLYING AREAS									
GUAM	1,107	29	141	0	109	733	0	95	0
PUERTO RICO	12,778	566	360	1	1,311	6,603	445	583	2,909
AMERICAN SAMOA	340	0	0	0	0	340	0	0	0
VIRGIN ISLANDS	1,026	33	0	0	202	761	0	30	0
TRUST TERRITORY PAC ISL	580	0	0	0	0	580	0	0	0

SOURCE: NATIONAL SCIENCE FOUNDATION, SRS

TABLE B-17. — FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES FOR FELLOWSHIPS, TRAINEESHIPS, AND TRAINING GRANTS BY DETAILED FIELD AND AGENCY: FISCAL YEAR 1987

(DOLLARS IN THOUSANDS)

FIELD OF SCIENCE/ENGINEERING	TOTAL	USDA	CDN	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
TOTAL, ALL FIELDS	290,942	4,701	559	2,327	11,813	596	1,818	232,529	0	8,688	27,702	209
ENGINEERING, TOTAL	12,024	0	0	979	0	172	419	416	0	5,096	4,752	190
AERONAUTICAL	825	0	0	0	0	0	0	0	0	483	342	0
ASTRONAUTICAL	0	0	0	0	0	0	0	0	0	0	0	0
CHEMICAL	1,463	0	0	0	0	5	0	0	0	144	1,314	0
CIVIL	529	0	0	0	0	0	105	0	0	18	216	190
ELECTRICAL	2,992	0	0	976	0	80	0	0	0	262	1,674	0
MECHANICAL	1,294	0	0	0	0	50	21	0	0	431	792	0
METALLURGY & MATERIALS	250	0	0	0	0	0	0	0	0	52	198	0
ENGINEERING, NEC	4,671	0	0	3	0	37	293	416	0	3,706	216	0
ALL SCIENCES, TOTAL	278,918	4,701	559	1,348	11,813	424	1,399	232,113	0	3,592	22,950	19
PHYSICAL SCIENCES, TOTAL	9,917	0	0	1,333	0	0	0	2,997	0	1,321	4,266	0
ASTRONOMY	576	0	0	55	0	0	0	0	0	251	270	0
CHEMISTRY	4,992	0	0	601	0	0	0	2,006	0	207	2,178	0
PHYSICS	4,233	0	0	677	0	0	0	929	0	809	1,818	0
PHYSICAL SCIENCES, NEC	116	0	0	0	0	0	0	62	0	54	0	0
MATHEMATICAL/COMPUTER SCIENCES, TOTAL	5,213	0	0	7	0	151	26	1,242	0	528	3,240	19
MATHEMATICAL SCIENCES	4,272	0	0	7	0	0	0	1,007	0	18	3,240	0
COMPUTER SCIENCES	676	0	0	0	0	151	26	0	0	480	0	19
MATHEMATICAL/COMPUTER SCI, NEC	265	0	0	0	0	0	0	235	0	30	0	0
ENVIRONMENTAL SCIENCES, TOTAL	2,705	0	559	0	0	0	462	0	0	460	1,224	0
ATMOSPHERIC SCIENCES	197	0	0	0	0	0	0	0	0	125	72	0
GEOLOGICAL SCIENCES	1,278	0	0	0	0	0	0	0	0	144	1,134	0
OCEANOGRAPHY	388	0	216	0	0	0	0	0	0	154	18	0
ENVIRONMENTAL SCIENCES, NEC	842	0	343	0	0	0	462	0	0	37	0	0
LIFE SCIENCES, TOTAL	215,300	4,701	0	0	0	5	25	201,712	0	1,027	7,830	0
BIOLOGICAL (EXCL. ENV BIO)	67,019	0	0	0	0	0	0	59,081	0	108	7,830	0
ENVIRONMENTAL BIOLOGY	6,026	0	0	0	0	0	21	5,988	0	17	0	0
AGRICULTURAL	4,723	4,701	0	0	0	0	4	0	0	18	0	0
MEDICAL	136,702	0	0	0	0	5	0	136,643	0	54	0	0
LIFE SCIENCES, NEC	830	0	0	0	0	0	0	0	0	830	0	0
PSYCHOLOGY, TOTAL	14,915	0	0	0	0	0	50	12,940	0	71	1,854	0
BIOLOGICAL ASPECTS	0	0	0	0	0	0	0	0	0	0	0	0
SOCIAL ASPECTS	1,814	0	0	0	0	0	50	0	0	0	1,764	0
PSYCHOLOGY, NEC	13,101	0	0	0	0	0	0	12,940	0	71	90	0
SOCIAL SCIENCES, TOTAL	23,220	0	0	0	11,813	0	209	7,148	0	54	3,996	0
ANTHROPOLOGY	900	0	0	0	0	0	0	0	0	36	864	0
ECONOMICS	1,143	0	0	0	0	0	45	0	0	0	1,098	0
HISTORY	378	0	0	0	0	0	0	0	0	0	378	0
LINGUISTICS	288	0	0	0	0	0	0	0	0	0	288	0
POLITICAL SCIENCE	9,550	0	0	0	8,846	0	2	0	0	0	702	0
SOCIOLOGY	1,502	0	0	0	0	0	0	1,088	0	0	414	0
SOCIAL SCIENCES, NEC	9,499	0	0	0	2,967	0	162	6,060	0	18	252	0
OTHER SCIENCES, NEC	7,648	0	0	8	0	268	627	6,074	0	131	540	0

1/ INCLUDES DOT, AID, HUD, LABOR, AND NRC.

NOTE: DATA FOR EACH YEAR REFLECT SUPPORT FROM THE AGENCIES INCLUDED IN THE SURVEY SYSTEM FOR THAT YEAR.

SOURCE: NATIONAL SCIENCE FOUNDATION, SRS

TABLE B-18. — HHS OBLIGATIONS TO UNIVERSITIES AND COLLEGES FOR FELLOWSHIPS, TRAINEESHIPS, AND TRAINING GRANTS BY DETAILED FIELD AND HHS COMPONENT: FISCAL YEAR 1987

(DOLLARS IN THOUSANDS)

FIELD OF SCIENCE/ENGINEERING	TOTAL	NIH	HRSA	ADAMHA	CDC	FDA	OHDS	HCFA	SSA	OASH	OTHER DHHS
TOTAL, ALL FIELDS	232,529	204,854	5,410	20,871	0	0	306	0	0	1,088	0
ENGINEERING, TOTAL	416	416	0	0	0	0	0	0	0	0	0
AERONAUTICAL	0	0	0	0	0	0	0	0	0	0	0
ASTRONAUTICAL	0	0	0	0	0	0	0	0	0	0	0
CHEMICAL	0	0	0	0	0	0	0	0	0	0	0
CIVIL	0	0	0	0	0	0	0	0	0	0	0
ELECTRICAL	0	0	0	0	0	0	0	0	0	0	0
MECHANICAL	0	0	0	0	0	0	0	0	0	0	0
METALLURGY & MATERIALS	0	0	0	0	0	0	0	0	0	0	0
ENGINEERING, NEC	416	416	0	0	0	0	0	0	0	0	0
ALL SCIENCES, TOTAL	232,113	204,438	5,410	20,871	0	0	306	0	0	1,088	0
PHYSICAL SCIENCES, TOTAL	2,997	2,997	0	0	0	0	0	0	0	0	0
ASTRONOMY	0	0	0	0	0	0	0	0	0	0	0
CHEMISTRY	2,006	2,006	0	0	0	0	0	0	0	0	0
PHYSICS	929	929	0	0	0	0	0	0	0	0	0
PHYSICAL SCIENCES, NEC	62	62	0	0	0	0	0	0	0	0	0
MATHEMATICAL/COMPUTER SCIENCES, TOTAL	1,242	764	0	478	0	0	0	0	0	0	0
MATHEMATICAL SCIENCES	1,007	764	0	243	0	0	0	0	0	0	0
COMPUTER SCIENCES	0	0	0	0	0	0	0	0	0	0	0
MATHEMATICAL/COMPUTER SCI, NEC	235	0	0	235	0	0	0	0	0	0	0
ENVIRONMENTAL SCIENCES, TOTAL	0	0	0	0	0	0	0	0	0	0	0
ATMOSPHERIC SCIENCES	0	0	0	0	0	0	0	0	0	0	0
GEOLOGICAL SCIENCES	0	0	0	0	0	0	0	0	0	0	0
OCEANOGRAPHY	0	0	0	0	0	0	0	0	0	0	0
ENVIRONMENTAL SCIENCES, NEC	0	0	0	0	0	0	0	0	0	0	0
LIFE SCIENCES, TOTAL	201,712	188,136	5,410	8,166	0	0	0	0	0	0	0
BIOLOGICAL (EXCL. ENV BIO)	59,081	58,305	0	776	0	0	0	0	0	0	0
ENVIRONMENTAL BIOLOGY	5,988	5,988	0	0	0	0	0	0	0	0	0
AGRICULTURAL	0	0	0	0	0	0	0	0	0	0	0
MEDICAL	136,643	123,843	5,410	7,390	0	0	0	0	0	0	0
LIFE SCIENCES, NEC	0	0	0	0	0	0	0	0	0	0	0
PSYCHOLOGY, TOTAL	12,940	5,016	0	7,924	0	0	0	0	0	0	0
BIOLOGICAL ASPECTS	0	0	0	0	0	0	0	0	0	0	0
SOCIAL ASPECTS	0	0	0	0	0	0	0	0	0	0	0
PSYCHOLOGY, NEC	12,940	5,016	0	7,924	0	0	0	0	0	0	0
SOCIAL SCIENCES, TOTAL	7,148	2,306	0	3,448	0	0	306	0	0	1,088	0
ANTHROPOLOGY	0	0	0	0	0	0	0	0	0	0	0
ECONOMICS	0	0	0	0	0	0	0	0	0	0	0
HISTORY	0	0	0	0	0	0	0	0	0	0	0
LINGUISTICS	0	0	0	0	0	0	0	0	0	0	0
POLITICAL SCIENCE	0	0	0	0	0	0	0	0	0	0	0
SOCIOLOGY	1,088	0	0	0	0	0	0	0	0	1,088	0
SOCIAL SCIENCES, NEC	6,060	2,306	0	3,448	0	0	306	0	0	0	0
OTHER SCIENCES, NEC	6,074	5,219	0	855	0	0	0	0	0	0	0

NOTE: DATA FOR EACH YEAR REFLECT SUPPORT FROM THE AGENCIES INCLUDED IN THE SURVEY SYSTEM FOR THAT YEAR.

SOURCE: NATIONAL SCIENCE FOUNDATION, SRS

TABLE B-19. — FEDERAL OBLIGATIONS FOR FELLOWSHIPS, TRAINEESHIPS, AND TRAINING GRANTS TO THE 100 UNIVERSITIES AND COLLEGES RECEIVING THE LARGEST AMOUNTS BY AREA OF SCIENCE/ENGINEERING: FISCAL YEAR 1987

(DOLLARS IN THOUSANDS)

RANK	INSTITUTION (RANKED BY AMOUNT RECEIVED)	TOTAL	ENGI-NEERING	PHYSICAL SCIENCES	MATH & COMPUTER SCIENCES	ENVIRON-MENTAL SCIENCES	LIFE SCIENCES	PSYCHOL-OGY	SOCIAL SCIENCES	OTHER SCIENCES, NEC
	TOTAL, ALL INSTITUTIONS	290,942	12,024	9,917	5,213	2,705	215,300	14,915	23,220	7,648
1	HARVARD UNIVERSITY	13,964	36	751	477	54	10,894	321	1,391	40
2	STANFORD UNIVERSITY	12,135	1,418	681	486	108	6,994	644	1,488	316
3	JOHNS HOPKINS UNIVERSITY	11,380	90	672	271	18	9,140	745	373	71
4	YALE UNIVERSITY	10,095	0	306	54	0	8,522	442	731	0
5	UNIVERSITY OF MICHIGAN	9,031	225	595	36	144	5,495	449	1,717	370
6	UNIV OF CAL SAN FRANCISCO	8,620	0	37	0	0	7,797	46	190	550
7	UNIVERSITY OF WASHINGTON	8,395	195	71	319	0	6,386	475	583	366
8	UNIV OF PENNSYLVANIA	8,259	91	113	18	0	6,600	238	1,008	191
9	UNIV OF CAL BERKELEY	7,857	592	1,063	533	18	4,106	270	1,243	32
10	WASHINGTON UNIVERSITY	7,702	18	98	0	18	7,189	169	69	141
	TOTAL 1ST 10 INSTITUTIONS	97,398	2,665	4,387	2,194	360	73,123	3,799	8,793	2,077
11	UNIVERSITY OF CHICAGO	7,390	0	300	126	72	5,486	149	1,049	208
12	COLUMBIA UNIV MAIN DIV	7,371	36	229	148	90	5,400	620	773	75
13	MASS INST OF TECHNOLOGY	7,360	846	503	540	180	4,161	254	714	162
14	UNIV OF CAL LOS ANGELES	6,540	18	74	18	18	4,539	942	640	291
15	CORNELL UNIVERSITY	6,270	162	332	162	379	4,037	361	837	0
16	UNIV OF WIS-MADISON	6,045	180	115	0	85	4,659	175	643	188
17	UNIV OF CAL SAN DIEGO	5,800	0	126	18	138	4,940	504	28	46
18	DUKE UNIVERSITY	5,258	36	19	0	0	4,961	23	192	27
19	UNIV OF NC AT CHAPEL HILL	4,394	0	77	188	18	3,923	65	94	29
20	YESHIVA UNIVERSITY	4,364	0	0	0	0	3,323	0	204	837
	TOTAL 1ST 20 INSTITUTIONS	158,190	3,943	6,162	3,394	1,340	118,552	6,892	13,967	3,940
21	UNIVERSITY OF COLORADO	3,867	90	84	0	36	3,230	296	68	63
22	UNIVERSITY OF MINNESOTA	3,839	98	69	0	18	2,841	647	126	40
23	UNIVERSITY OF VIRGINIA	3,743	90	38	18	48	2,818	437	190	104
24	VANDERBILT UNIVERSITY	3,518	36	36	0	0	3,020	411	15	0
25	UNIVERSITY OF IOWA	3,507	0	14	0	0	3,366	83	31	13
26	CASE WESTERN RESERVE UNIV	3,466	655	18	0	0	2,553	155	74	11
27	UNIVERSITY OF ROCHESTER	3,438	4	40	0	0	2,987	291	21	95
28	PRINCETON UNIVERSITY	3,216	180	435	234	72	1,716	184	377	18
29	NEW YORK UNIVERSITY	3,102	0	18	36	0	2,732	175	130	11
30	CALIFORNIA INST OF TECH	3,079	544	606	0	36	1,893	0	0	0
	TOTAL 1ST 30 INSTITUTIONS	192,965	5,640	7,520	3,682	1,550	145,708	9,571	14,999	4,295
31	UNIV OF ILL URBANA	2,545	198	730	36	0	1,068	436	57	20
32	BOSTON UNIVERSITY	2,402	0	0	0	0	2,080	99	150	73
33	U TEX HLTH SCI CTR DALLAS	2,218	0	18	0	0	2,200	0	0	0
34	UNIV ALABAMA BIRMINGHAM	2,196	18	18	17	0	2,108	0	22	13
35	UNIV OF SOUTHERN CAL	2,193	18	36	0	0	1,796	0	343	0
36	UNIVERSITY OF PITTSBURGH	2,116	0	0	113	0	1,362	323	298	20
37	NORTHWESTERN UNIVERSITY	2,087	18	75	18	0	1,550	136	176	114
38	INDIANA UNIVERSITY	1,901	0	55	18	0	1,157	172	436	63
39	UNIV OF CAL DAVIS	1,758	0	18	0	0	1,702	18	0	20
40	UNIVERSITY OF ARIZONA	1,595	18	90	0	0	1,069	11	128	279
	TOTAL 1ST 40 INSTITUTIONS	213,976	5,910	8,560	3,884	1,550	161,800	10,766	16,609	4,897
41	BAYLOR COL OF MEDICINE	1,587	0	0	0	0	1,567	0	0	20
42	ROCKEFELLER UNIVERSITY	1,538	0	58	0	0	1,435	20	0	25
43	VIRGINIA COMMONWLTH UNIV	1,520	0	0	0	0	1,434	86	0	0
44	UNIV OF CAL IRVINE	1,519	0	39	0	0	1,324	98	33	25
45	UNIVERSITY OF FLORIDA	1,433	81	18	36	0	742	304	153	99
46	UNIVERSITY OF CONNECTICUT	1,388	65	0	0	0	850	259	115	99
47	PENNSYLVANIA STATE UNIV	1,325	117	18	0	36	1,021	11	96	26
48	MICHIGAN STATE UNIVERSITY	1,187	0	0	0	0	986	0	183	18
49	UNIVERSITY OF UTAH	1,182	62	38	0	18	932	0	45	87
50	PURDUE UNIVERSITY	1,142	269	33	18	0	791	11	0	20
	TOTAL 1ST 50 INSTITUTIONS	227,797	6,504	8,764	3,938	1,604	172,882	11,555	17,234	5,316

SEE FOOTNOTES AT END OF TABLE.

TABLE B-19. — FEDERAL OBLIGATIONS FOR FELLOWSHIPS, TRAINEESHIPS, AND TRAINING GRANTS TO THE 100 UNIVERSITIES AND COLLEGES RECEIVING THE LARGEST AMOUNTS BY AREA OF SCIENCE/ENGINEERING: FISCAL YEAR 1987

CONTINUED

(DOLLARS IN THOUSANDS)

RANK	INSTITUTION (RANKED BY AMOUNT RECEIVED)	TOTAL	ENGI-NEERING	PHYSICAL SCIENCES	MATH & COMPUTER SCIENCES	ENVIRON-MENTAL SCIENCES	LIFE SCIENCES	PSYCHOL-OGY	SOCIAL SCIENCES	OTHER SCIENCES, NEC
51	CUNY MT SINAI SCH OF MED	1,136	0	0	0	0	982	154	0	0
52	UNIVERSITY OF MIAMI	1,123	0	0	0	0	1,004	85	0	34
53	UNIV OF TEXAS AT AUSTIN	1,064	216	129	54	36	406	100	106	17
54	BROWN UNIVERSITY	1,025	18	18	7	31	295	282	374	0
55	UNIVERSITY OF MASSACHUSET	1,022	54	18	36	0	563	162	131	58
56	COLORADO STATE UNIVERSITY	1,018	53	115	125	18	663	0	18	26
57	BRANDEIS UNIVERSITY	1,006	0	0	0	0	649	189	168	0
58	UNIVERSITY OF CINCINNATI	990	68	0	0	0	848	0	0	74
59	ROCHESTER INST TECHNOLOGY	976	976	0	0	0	0	0	0	0
60	UNIVERSITY OF KANSAS	966	0	18	0	0	514	298	125	11
TOTAL 1ST	60 INSTITUTIONS	238,123	7,889	9,062	4,160	1,689	178,806	12,825	18,156	5,536
61	WAYNE STATE UNIVERSITY	926	0	0	0	0	631	119	25	151
62	TEXAS A & M UNIVERSITY	868	470	93	0	0	237	0	13	55
63	U TEX HLTH SCI CTR S ANTO	867	0	0	0	0	854	0	0	13
64	UNIV OF MISSOURI COLUMBIA	852	0	0	0	0	767	0	0	85
65	U TEX HLTH SCI CTR HOUSTN	837	1	0	0	0	712	95	0	29
66	LOUISIANA STATE UNIV	831	45	0	118	0	606	10	7	45
67	TUFTS UNIVERSITY	818	3	0	0	0	720	0	95	0
68	SUNY AT BUFFALO	785	18	0	0	0	746	11	0	10
69	CARNEGIE-MELLON UNIV	777	72	25	216	0	322	72	70	0
70	SUNY AT STONY BROOK	765	18	36	0	0	648	0	25	38
TOTAL 1ST	70 INSTITUTIONS	246,449	8,516	9,216	4,494	1,689	185,049	13,132	18,391	5,962
71	TEMPLE UNIVERSITY	704	0	31	0	0	549	0	113	11
72	OREGON HLTH SCIENCES UNIV	704	0	0	0	0	509	128	18	49
73	UNIV OF MD COLLEGE PARK	656	327	152	18	18	48	93	0	0
74	UNIVERSITY OF OKLAHOMA	649	18	0	0	0	394	125	112	0
75	OHIO STATE UNIVERSITY	628	40	18	18	30	463	0	46	13
76	EMORY UNIVERSITY	620	0	0	0	0	568	10	0	42
77	N C STATE UNIV AT RALEIGH	608	54	37	18	0	483	0	16	0
78	UNIV OF VT & ST AGRIC COL	596	0	0	0	0	576	20	0	0
79	THOMAS JEFFERSON UNIV	594	0	8	0	0	586	0	0	0
80	UNIVERSITY OF OREGON MAIN	585	0	0	0	0	559	6	20	0
TOTAL 1ST	80 INSTITUTIONS	252,793	8,955	9,462	4,548	1,737	189,784	13,514	18,716	6,077
81	ALBANY MEDICAL COLLEGE	577	0	0	0	0	577	0	0	0
82	FLORIDA A & M UNIVERSITY	576	0	0	0	0	440	0	0	136
83	UNIV.OF ILL CHICAGO	574	0	0	0	0	425	0	0	149
84	WAKE FOREST UNIVERSITY	573	0	0	0	0	573	0	0	0
85	OLD DOMINION UNIVERSITY	557	487	17	0	0	28	18	7	0
86	TULANE UNIVERSITY	555	27	0	0	28	405	0	76	19
87	UNIVERSITY OF NEW MEXICO	540	54	0	0	36	288	0	97	65
88	OREGON STATE UNIVERSITY	531	18	0	0	47	466	0	0	0
89	UNIVERSITY OF N DAKOTA	524	0	0	0	0	447	0	77	0
90	HOWARD UNIVERSITY	523	36	0	0	32	334	91	0	30
TOTAL 1ST	90 INSTITUTIONS	258,323	9,577	9,479	4,548	1,880	193,767	13,623	18,973	6,476
91	UNIV OF MD BALT PROF SCH	495	0	0	0	0	402	66	0	27
92	WRIGHT STATE UNIVERSITY	494	1	0	0	0	493	0	0	0
93	U TEXAS SYSTEM CANCER CTR	491	0	0	0	0	491	0	0	0
94	ST LOUIS UNIVERSITY	489	0	0	0	0	489	0	0	0
95	UNIVERSITY OF GEORGIA	486	0	0	0	0	376	0	22	88
96	DARTMOUTH COLLEGE	483	0	0	0	0	476	0	7	0
97	UNIV ALABAMA HUNTSVILLE	468	430	18	18	0	0	0	2	0
98	MEDICAL COLLEGE OF WIS	454	0	0	0	0	427	0	0	27
99	RUTGERS THE ST UNIV OF NJ	448	41	0	0	0	134	20	233	20
100	TUSKEGEE INSTITUTE	446	18	0	0	0	377	0	51	0
TOTAL 1ST	100 INSTITUTIONS	263,077	10,067	9,497	4,566	1,880	197,432	13,709	19,288	6,638

SOURCE: NATIONAL SCIENCE FOUNDATION, SRS

TABLE B-20. — FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES FOR RESEARCH AND DEVELOPMENT BY STATE, INSTITUTION, AND AGENCY: FISCAL YEAR 1987

(DOLLARS IN THOUSANDS)

STATE & INSTITUTION	TOTAL	USDA	CON	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
UNITED STATES, TOTAL	7,240,090	295,985	91,807	1,098,911	85,229	370,531	67,076	3,833,764	39,434	293,644	987,457	76,252
ALABAMA, TOTAL	100,633	7,063	134	11,797	1,443	1,849	873	63,723	477	10,338	2,864	72
ALABAMA A & M UNIVERSITY	3,580	1,366	0	100	77	386	0	73	0	1,293	285	0
ALABAMA STATE UNIVERSITY	76	0	0	0	0	0	0	0	0	0	76	0
AUBURN UNIVERSITY	12,694	4,099	98	5,640	39	505	575	482	160	528	516	52
BIRMINGHAM SOUTHERN COL	50	0	0	0	0	0	0	50	0	0	0	0
JEFFERSON STATE JR COL	46	0	0	0	46	0	0	0	0	0	0	0
OAKWOOD COLLEGE	75	0	0	0	0	0	0	75	0	0	0	0
SELMA UNIVERSITY	141	0	0	0	0	141	0	0	0	0	0	0
THE UNIVERSITY OF ALABAMA	3,616	0	0	437	142	617	298	1,168	266	82	606	0
TUSKEGEE INSTITUTE	3,027	1,268	0	440	77	200	0	161	0	786	75	20
UNIV ALABAMA BIRMINGHAM	62,240	330	10	1,520	1,062	0	0	56,710	0	1,603	1,005	0
UNIV ALABAMA HUNTSVILLE	10,029	0	0	3,660	0	0	0	71	0	6,046	252	0
UNIV OF ALABAMA SYS OFF	105	0	26	0	0	0	0	28	51	0	0	0
UNIV OF SOUTH ALABAMA	4,954	0	0	0	0	0	0	4,905	0	0	49	0
ALASKA, TOTAL	15,473	1,128	3,213	942	89	598	0	357	278	3,287	5,581	0
UNIV OF ALASKA ANCHORAGE	215	0	100	0	0	0	0	22	0	0	93	0
UNIV OF ALASKA FAIRBANKS	12,785	94	2,173	942	89	413	0	156	143	3,287	5,488	0
UNIV OF ALASKA STHEASTRN	940	0	940	0	0	0	0	0	0	0	0	0
UNIV OF ALASKA SYSTEM OFF	1,533	1,034	0	0	0	185	0	179	135	0	0	0
ARIZONA, TOTAL	80,485	3,559	381	11,088	2,212	1,990	1,325	32,576	866	10,853	15,046	589
ARIZONA STATE UNIVERSITY	14,201	79	0	2,595	140	1,277	0	2,905	0	1,801	5,395	49
NORTHERN ARIZONA UNIV	1,793	214	0	0	581	0	0	32	68	142	756	0
UNIVERSITY OF ARIZONA	64,491	3,266	381	8,533	1,491	713	1,325	29,639	798	8,910	8,895	540
ARKANSAS, TOTAL	15,487	4,913	0	320	1,214	390	240	5,043	367	235	1,362	1,383
ARKANSAS COLLEGE	8	0	0	0	0	0	0	0	0	8	0	0
ARKANSAS STATE UNIVERSITY	65	0	0	0	0	0	0	0	0	65	0	0
ARKANSAS TECH UNIVERSITY	25	0	0	0	0	0	0	0	25	0	0	0
HENDRIX COLLEGE	43	0	0	0	0	0	0	0	0	0	43	0
JOHN BROWN UNIVERSITY	10	0	0	0	0	0	0	10	0	0	0	0
OUACHITA BAPTIST UNIV	82	0	0	80	0	0	2	0	0	0	0	0
U OF ARK AT MONTICELLO	48	48	0	0	0	0	0	0	0	0	0	0
U OF ARKANSAS MED SCI CAN	4,668	0	0	0	0	0	0	4,309	0	0	359	0
UNIV OF ARK FAYETTEVILLE	8,926	3,757	0	240	928	390	238	653	342	101	894	1,383
UNIV OF ARK LITTLE ROCK	446	0	0	0	286	0	0	71	0	3	86	0
UNIV OF ARK PINE BLUFF	1,166	1,108	0	0	0	0	0	0	0	58	0	0
CALIFORNIA, TOTAL	1,056,860	13,022	7,353	158,093	4,653	60,694	4,837	585,499	4,673	69,275	174,363	4,398
CAL POLY ST U SAN LUIS OB	389	28	0	0	0	0	0	0	0	230	131	0
CAL SCH PROF PSYCH-L A	100	0	0	0	0	0	0	100	0	0	0	0
CAL SCH PROF PSYCH-S D	71	0	0	0	71	0	0	0	0	0	0	0
CALIF ST COL BAKERSFIELD	113	0	0	0	0	0	0	0	0	0	113	0
CALIF ST POLY UNIV POMONA	107	0	0	0	0	0	0	0	0	24	83	0
CALIF ST UNIV FULLERTON	774	0	0	80	0	38	0	219	0	54	383	0
CALIF ST UNIV HAYWARD	85	0	0	40	0	0	0	0	0	45	0	0
CALIF ST UNIV LONG BEACH	3,318	0	0	2,530	0	54	143	178	0	110	303	0
CALIF ST UNIV LOS ANGELES	1,145	0	0	0	0	28	0	596	0	0	521	0
CALIF ST UNIV NORTHRIDGE	540	0	0	0	0	47	0	143	0	121	229	0
CALIF ST UNIV SACRAMENTO	207	0	0	115	0	0	72	0	0	0	20	0
CALIF STATE UNIV CHICO	180	49	100	0	0	0	0	0	0	0	31	0
CALIF STATE UNIV FRESNO	189	0	0	0	0	0	30	89	0	0	70	0
CALIFORNIA INST OF TECH	57,122	0	90	9,440	0	5,476	573	11,920	1,200	6,662	21,761	0
CHAPMAN COLLEGE	165	0	0	0	89	0	0	76	0	0	0	0
CLAREMONT GRADUATE SCHOOL	363	26	0	27	0	0	0	133	0	0	177	0
DEEP SPRINGS COLLEGE	8	0	0	0	0	0	0	0	0	0	8	0
DREW POST-GRAD MED SCHOOL	4,583	0	0	0	0	0	0	4,583	0	0	0	0
FOOTHILL-DEANZA CCSYS OFF	195	0	0	0	0	0	0	0	0	195	0	0
FULLER THEOLOGICAL SEM	12	0	0	0	0	0	0	12	0	0	0	0
HARVEY MUDD COLLEGE	557	0	0	0	0	0	0	71	0	189	297	0
HOLY NAMES COLLEGE	2	0	0	0	0	0	0	0	0	0	2	0
HUMBOLDT STATE UNIVERSITY	305	198	0	0	0	0	0	0	83	20	4	0
JOHN F KENNEDY UNIVERSITY	185	0	0	0	185	0	0	0	0	0	0	0
LINCOLN UNIVERSITY (CAL)	192	0	0	0	0	0	0	0	0	0	0	192
LOMA LINDA UNIVERSITY	2,227	0	0	30	0	0	0	2,195	0	0	2	0
LONG BEACH CITY COLLEGE	11	0	0	0	0	0	0	0	0	0	0	11
LOYOLA MARYMOUNT UNIV	111	0	0	0	0	0	0	111	0	0	0	0
MERRITT COLLEGE	80	0	0	0	0	0	0	80	0	0	0	0
MILLS COLLEGE	138	0	0	0	0	0	0	74	0	0	55	9
MONTEREY PENINSULA COL	66	0	0	0	66	0	0	0	0	0	0	0
MOUNT ST MARY'S COLLEGE	28	0	0	0	0	0	0	0	0	0	28	0
OCCIDENTAL COLLEGE	142	0	0	0	0	0	0	72	0	0	70	0
PEPPERDINE UNIVERSITY	12	0	0	0	0	0	0	0	0	0	12	0
PITZER COLLEGE	194	0	0	0	0	0	0	164	0	30	0	0
POINT LOMA COLLEGE	6	0	0	0	0	0	0	0	0	0	6	0
POMONA COLLEGE	526	0	0	0	0	0	0	142	0	0	384	0
SAN DIEGO STATE UNIV	8,063	20	48	1,927	70	1,333	0	2,534	16	271	1,844	0
SAN FRANCISCO STATE UNIV	1,416	0	0	0	82	102	0	1,089	30	64	49	0
SAN JOSE STATE UNIVERSITY	4,067	120	119	340	0	0	0	728	0	1,825	935	0
SONOMA STATE UNIVERSITY	90	0	0	0	0	0	0	0	0	26	64	0
STANFORD UNIVERSITY	201,049	140	0	40,805	392	16,195	741	96,179	268	22,737	23,592	0
STHRN CAL INST OF ARCH	57	0	0	0	0	0	0	0	0	57	0	0

SEE FOOTNOTES AT END OF TABLE.

TABLE B-20. — FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES FOR RESEARCH AND DEVELOPMENT BY STATE, INSTITUTION, AND AGENCY: FISCAL YEAR 1987

CONTINUED

(DOLLARS IN THOUSANDS)

STATE & INSTITUTION	TOTAL	USDA	CON	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
CALIFORNIA, CONT'D												
THE WRIGHT INSTITUTE	16	0	0	0	0	0	0	16	0	0	0	0
U OF CAL SYS WIDE PRGMS	463	0	239	0	0	0	0	0	224	0	0	0
UNIV OF CAL BERKELEY	96,748	7,303	61	12,310	471	3,428	471	34,335	414	13,250	24,304	401
UNIV OF CAL DAVIS	50,289	3,509	0	1,616	682	4,213	181	28,121	1,299	1,231	6,794	2,683
UNIV OF CAL IRVINE	39,384	126	0	5,662	346	3,128	252	20,922	0	1,212	7,736	0
UNIV OF CAL LOS ANGELES	147,795	136	0	12,922	185	13,891	872	98,361	126	5,449	15,453	400
UNIV OF CAL RIVERSIDE	12,071	804	0	181	195	1,682	536	4,779	62	257	3,615	0
UNIV OF CAL SAN DIEGO	181,768	190	5,942	23,672	191	3,015	72	68,452	552	9,644	40,078	0
UNIV OF CAL SAN FRANCISCO	124,811	410	0	1,229	751	2,835	107	117,345	0	773	1,361	0
UNIV OF CAL SANTA BARBARA	27,322	3	0	8,923	642	2,720	708	3,661	116	1,428	8,498	623
UNIV OF CAL SANTA CRUZ	10,286	0	0	844	161	1,349	0	2,248	57	510	5,117	0
UNIV OF SAN FRANCISCO	373	0	0	120	0	0	0	0	0	253	0	0
UNIV OF SOUTHERN CAL	104,395	0	754	35,070	26	1,160	79	55,274	266	1,823	9,844	79
UNIVERSITY OF REDLANDS	50	0	0	0	0	0	0	0	0	50	0	0
UNIVERSITY OF SAN DIEGO	210	0	0	0	0	0	0	164	0	0	46	0
UNIVERSITY OF SANTA CLARA	685	0	0	0	0	0	0	0	0	457	228	0
UNIVERSITY OF THE PACIFIC	971	0	0	210	80	0	0	333	0	278	70	0
VISTA COLLEGE	8	0	0	0	8	0	0	0	0	0	0	0
WESTMONT COLLEGE	25	0	0	0	0	0	0	0	0	0	25	0
COLORADO, TOTAL	129,450	4,204	10,964	14,180	1,024	5,510	1,236	54,935	1,411	12,482	23,017	487
CMTY COL DENVER AURARIA	117	0	0	0	117	0	0	0	0	0	0	0
CMTY COL DENVER RED ROCKS	83	0	0	0	83	0	0	0	0	0	0	0
COLORADO COLLEGE	24	0	0	0	4	0	0	0	0	0	20	0
COLORADO SCHOOL OF MINES	4,115	64	32	2,256	0	732	329	0	196	0	506	0
COLORADO STATE UNIVERSITY	31,492	3,935	1,810	4,707	378	1,388	496	9,270	552	1,137	7,334	485
UNIV OF NORTHERN COLORADO	433	0	0	0	237	0	0	0	0	0	196	0
UNIV OF SOUTHERN COLORADO	285	0	0	0	0	0	0	0	0	285	0	0
UNIVERSITY OF COLORADO	87,623	205	9,122	6,067	192	3,097	411	43,652	663	10,459	13,753	2
UNIVERSITY OF DENVER	5,227	0	0	1,150	13	293	0	1,962	0	601	1,208	0
WESTERN ST COL COLORADO	51	0	0	0	0	0	0	51	0	0	0	0
CONNECTICUT, TOTAL	174,433	1,839	5,056	12,213	1,378	8,429	350	130,947	105	656	13,440	0
CENTRAL CONN STATE UNIV	142	0	0	0	125	0	0	0	0	0	17	0
CONNECTICUT COLLEGE	158	0	0	0	0	118	0	0	0	0	40	0
QUINNIPIAC COLLEGE	227	0	0	0	0	0	0	227	0	0	0	0
SOUTHERN CONN STATE UNIV	17	17	0	0	0	0	0	0	0	0	0	0
ST JOSEPH COLLEGE	110	0	0	0	0	0	0	25	0	0	85	0
TRINITY COLLEGE	221	0	0	0	0	0	0	172	0	0	49	0
UNIVERSITY OF CONNECTICUT	38,806	1,258	5,056	2,476	968	510	150	26,025	105	0	2,258	0
UNIVERSITY OF HARTFORD	124	0	0	0	0	0	0	67	0	0	57	0
WESLEYAN UNIVERSITY	1,719	150	0	40	0	20	0	888	0	0	621	0
YALE UNIVERSITY	132,909	414	0	9,697	285	7,781	200	103,543	0	656	10,333	0
DELAWARE, TOTAL	12,067	1,608	156	3,681	151	454	40	2,343	105	373	3,156	0
DELAWARE STATE COLLEGE	461	461	0	0	0	0	0	0	0	0	0	0
UNIVERSITY OF DELAWARE	11,606	1,147	156	3,681	151	454	40	2,343	105	373	3,156	0
DISTRICT OF COLUMBIA, TOTAL	61,057	742	463	6,495	2,836	990	741	37,311	107	4,284	4,823	2,365
AMERICAN UNIVERSITY	1,315	0	31	0	90	126	148	22	0	42	431	425
CATHOLIC UNIV OF AMERICA	5,077	93	241	1,629	856	219	0	744	0	858	437	0
GALLAUDET COLLEGE	1,050	0	0	0	504	0	0	411	0	0	135	0
GEORGE WASHINGTON UNIV	23,640	0	94	2,513	696	438	95	16,181	0	2,486	1,037	100
GEORGETOWN UNIVERSITY	20,046	174	37	2,032	201	77	352	14,633	0	22	778	1,740
HOWARD UNIVERSITY	9,173	4	60	201	489	130	146	5,320	0	827	1,996	0
UNIVERSITY OF D C	756	471	0	120	0	0	0	0	107	49	9	0
FLORIDA, TOTAL	148,867	7,063	4,308	18,728	1,795	15,405	2,204	73,251	262	3,960	20,998	893
BARRY UNIVERSITY	49	0	0	0	0	0	0	49	0	0	0	0
ECKERD COLLEGE	15	0	0	0	0	0	0	0	0	15	0	0
EMBRY-RIDDLE AERO UNIV	48	0	0	0	0	0	0	0	0	48	0	0
FLORIDA A & M UNIVERSITY	2,526	947	0	152	65	182	0	1,065	0	94	21	0
FLORIDA ATLANTIC UNIV	1,034	0	0	334	52	0	0	239	0	176	233	0
FLORIDA INST OF TECH	721	0	33	90	0	0	100	482	0	25	31	0
FLORIDA INTERNATIONAL U	541	8	0	20	0	0	156	97	0	0	260	0
FLORIDA STATE UNIVERSITY	25,680	14	544	2,598	172	12,500	670	3,094	0	878	4,424	786
MIAMI-DADE CMTY COLLEGE	123	0	0	0	67	0	0	56	0	0	0	0
NOVA UNIVERSITY	645	0	0	200	0	0	0	99	0	0	346	0
PENSACOLA JUNIOR COLLEGE	207	0	0	0	207	0	0	0	0	0	0	0
STATE UNIV SYS OF FLA OFF	337	150	0	0	0	187	0	0	0	0	0	0
UNIV OF CENTRAL FLORIDA	3,816	0	0	2,649	0	318	95	0	0	236	518	0
UNIV OF SOUTH FLORIDA	10,382	124	300	979	712	275	38	5,668	0	689	1,597	0
UNIV OF WEST FLORIDA	192	0	0	40	0	0	72	0	0	0	80	0
UNIVERSITY OF FLORIDA	52,888	5,820	2,354	7,741	103	1,708	1,073	26,727	262	1,066	5,999	35
UNIVERSITY OF MIAMI	49,547	0	1,077	3,965	301	235	0	35,675	0	733	7,489	72
VALENCIA COMMUNITY COL	116	0	0	0	116	0	0	0	0	0	0	0
GEORGIA, TOTAL	144,144	7,562	1,338	35,954	1,043	11,192	926	68,381	538	3,281	11,917	2,012
ALBANY STATE COLLEGE	97	0	0	0	0	0	0	0	0	0	97	0
ATLANTA UNIVERSITY	2,594	16	80	779	52	289	0	1,007	0	371	0	0
ATLANTA UNIVERSITY CENTER	124	0	0	0	0	124	0	0	0	0	0	0
CLARK COLLEGE	92	0	0	0	0	92	0	0	0	0	0	0

SEE FOOTNOTES AT END OF TABLE.

TABLE B-20. — FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES FOR RESEARCH AND DEVELOPMENT BY STATE, INSTITUTION, AND AGENCY: FISCAL YEAR 1987

CONTINUED

(DOLLARS IN THOUSANDS)

STATE & INSTITUTION	TOTAL	USDA	CON	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
GEORGIA, CONT'D												
EMORY UNIVERSITY	47,294	0	0	390	775	70	0	44,522	0	193	1,344	0
FORT VALLEY STATE COLLEGE	1,432	1,388	0	0	0	0	0	44	0	0	0	0
GEORGIA INSTITUTE OF TECH	45,187	0	189	33,247	105	1,214	225	2,899	338	2,368	4,383	259
GEORGIA SOUTHERN COLLEGE	332	49	0	0	0	0	0	220	1	29	33	0
GEORGIA STATE UNIVERSITY	1,768	0	0	204	0	45	0	748	0	40	683	48
KENNESAW COLLEGE	54	0	0	0	0	0	0	54	0	0	0	0
MEDICAL COL OF GEORGIA	8,527	0	0	270	0	0	0	8,257	0	0	0	0
MERCER UNIVERSITY	538	0	0	0	44	0	0	360	0	0	134	0
MOREHOUSE COLLEGE	43	0	0	0	0	0	0	0	39	0	4	0
MOREHOUSE SCHOOL OF MED	2,188	0	0	0	0	0	68	2,120	0	0	0	0
PAINE COLLEGE	44	0	0	0	0	0	0	44	0	0	0	0
SAVANNAH STATE COLLEGE	19	0	19	0	0	0	0	0	0	0	0	0
SPELMAN COLLEGE	215	0	0	80	0	0	0	0	0	97	38	0
UNIV SYSTEM OF GEORGIA	90	0	0	0	0	0	0	0	90	0	0	0
UNIVERSITY OF GEORGIA	33,489	6,109	1,050	984	67	9,358	633	8,146	70	183	5,184	1,705
VALDOSTA STATE COLLEGE	17	0	0	0	0	0	0	0	0	0	17	0
HAWAII, TOTAL	39,558	3,895	9,418	1,552	1,043	1,336	25	6,543	757	4,615	8,809	1,565
UNIV OF HAWAII SYS OFF	10,404	793	8,564	0	0	100	0	85	757	0	105	0
UNIV OF HAWAII-MANOA	29,154	3,102	854	1,552	1,043	1,236	25	6,458	0	4,615	8,704	1,565
IDAHO, TOTAL	7,153	3,700	155	90	442	117	27	519	1,052	275	719	57
BOISE STATE UNIVERSITY	214	0	155	0	0	0	7	0	0	0	52	0
COLLEGE OF SOUTHERN IDAHO	50	0	0	0	0	0	0	50	0	0	0	0
IDAHO STATE UNIVERSITY	117	0	0	0	0	15	0	0	0	0	102	0
LEWIS-CLARK STATE COLLEGE	341	0	0	0	341	0	0	0	0	0	0	0
UNIVERSITY OF IDAHO	6,431	3,700	0	90	101	102	20	469	1,052	275	565	57
ILLINOIS, TOTAL	297,368	7,997	1,481	28,686	5,711	20,570	2,224	147,632	671	9,637	69,980	3,179
AUGUSTANA COLLEGE	63	0	0	0	0	0	0	0	0	0	63	0
BRADLEY UNIVERSITY	18	0	0	0	0	0	0	0	0	18	0	0
CHICAGO COL OF OSTEO MED	576	0	0	0	0	0	0	576	0	0	0	0
CHICAGO STATE UNIVERSITY	75	0	0	0	0	0	0	0	0	0	75	0
CITY COLLEGES OF CHICAGO	165	0	0	0	165	0	0	0	0	0	0	0
COLLEGE OF LAKE COUNTY	90	0	0	90	0	0	0	0	0	0	0	0
DE PAUL UNIVERSITY	536	0	0	0	90	0	0	232	0	0	214	0
EASTERN ILLINOIS UNIV	54	0	0	0	0	0	0	44	0	0	10	0
ILLINOIS COL OF OPTOMETRY	148	0	0	0	0	0	0	148	0	0	0	0
ILLINOIS INST OF TECH	3,320	0	0	241	0	604	410	1,114	0	23	928	0
ILLINOIS STATE UNIVERSITY	1,064	0	0	0	13	0	0	564	0	0	487	0
KNOX COLLEGE	153	0	0	0	0	0	0	153	0	0	0	0
LOYOLA UNIV - CHICAGO	4,768	0	0	83	70	0	123	4,381	0	0	111	0
MAES COLLEGE	103	0	0	0	103	0	0	0	0	0	0	0
NORTHEASTERN ILL UNIV	30	0	0	0	30	0	0	0	0	0	0	0
NORTHERN ILLINOIS UNIV	2,266	0	0	0	309	50	0	879	0	0	1,028	0
NORTHWESTERN UNIVERSITY	53,061	59	49	4,306	1,580	2,912	48	32,314	0	709	10,989	95
OAKTON COMMUNITY COLLEGE	47	0	0	0	47	0	0	0	0	0	0	0
RUSH UNIVERSITY	1,533	0	0	0	0	0	0	1,533	0	0	0	0
S ILLINOIS U EDWARDSVILLE	192	0	0	0	0	0	0	115	65	0	12	0
SOUTHERN ILL U-CARBONDALE	6,647	87	0	875	267	1,518	0	3,121	146	61	572	0
ST AUGUSTINE CNTY COLL	80	0	0	0	80	0	0	0	0	0	0	0
U HLTH SCI/CHCGO MED SCH	3,292	50	0	130	0	0	0	3,112	0	0	0	0
UNIV OF ILL CHICAGO	32,490	0	0	4,102	712	729	81	26,323	0	340	148	55
UNIV OF ILL URBANA	96,761	7,322	547	17,081	65	11,345	1,562	17,704	355	2,525	35,226	3,029
UNIV OF ILLINOIS SYS OFF	6,962	126	796	0	1,991	0	0	0	105	0	3,944	0
UNIVERSITY OF CHICAGO	82,769	344	89	1,778	189	3,412	0	55,223	0	5,961	15,773	0
WESTERN ILLINOIS UNIV	105	9	0	0	0	0	0	96	0	0	0	0
INDIANA, TOTAL	111,289	5,928	105	12,681	230	13,816	1,205	47,169	634	2,357	24,816	2,348
BALL STATE UNIVERSITY	200	0	0	0	0	0	0	100	0	0	100	0
BUTLER UNIVERSITY	811	0	0	0	0	0	495	64	252	0	0	0
INDIANA STATE UNIVERSITY	241	0	0	0	0	0	0	229	0	0	12	0
INDIANA UNIVERSITY	50,005	201	0	2,053	0	6,123	468	27,815	139	402	12,804	0
PURDUE UNIVERSITY	46,332	5,727	105	9,992	187	4,245	242	15,643	243	1,662	8,281	5
ST MARY'S COLLEGE	4	0	0	0	0	0	0	0	0	0	4	0
TRI-STATE UNIVERSITY	20	0	0	0	0	0	0	0	0	20	0	0
UNIVERSITY OF EVANSVILLE	13	0	0	0	0	0	0	0	0	13	0	0
UNIVERSITY OF NOTRE DAME	13,560	0	0	636	43	3,353	0	3,318	0	252	3,615	2,343
VALPARAISO UNIVERSITY	103	0	0	0	0	95	0	0	0	8	0	0
IOWA, TOTAL	81,802	8,770	372	3,926	1,102	999	996	52,299	383	6,807	5,863	285
COE COLLEGE	47	0	0	0	0	0	0	0	0	0	47	0
COL OF OSTEO MED & SURG	156	0	0	0	0	0	0	156	0	0	0	0
DRAKE UNIVERSITY	113	0	0	0	90	0	0	0	0	0	23	0
GRINNELL COLLEGE	45	0	0	0	0	0	0	0	0	0	45	0
IOWA CENTRAL CNTY COLLEGE	105	0	0	0	0	0	0	0	105	0	0	0
IOWA ST U OF SCI & TECH	17,489	8,695	361	680	488	744	225	2,909	138	492	2,442	285
KIRKWOOD COMMUNITY COL	74	0	0	0	74	0	0	0	0	0	0	0
MAHARISHI INTL UNIVERSITY	202	0	0	0	0	0	0	171	0	0	31	0
UNIV OF NORTHERN IOWA	99	0	0	0	0	0	0	98	0	0	1	0
UNIVERSITY OF IOWA	63,479	75	11	3,246	450	255	771	48,965	140	6,315	3,251	0
WARTBURG COLLEGE	23	0	0	0	0	0	0	0	0	0	23	0

SEE FOOTNOTES AT END OF TABLE.

TABLE B-30. — FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES FOR RESEARCH AND DEVELOPMENT BY STATE, INSTITUTION, AND AGENCY: FISCAL YEAR 1987

CONTINUED

(DOLLARS IN THOUSANDS)

STATE & INSTITUTION	TOTAL	USDA	CEN	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
KANSAS, TOTAL	35,863	4,717	164	2,117	2,444	1,661	718	16,808	109	1,736	4,406	987
BENEDICTINE COLLEGE	31	0	0	0	0	0	0	0	0	0	31	0
FORT HAYS ST UNIV	92	0	0	0	92	0	0	0	0	0	0	0
KANS ST U - AG & APP SCI	12,082	4,663	0	843	252	1,220	330	2,413	105	187	1,791	148
OTTAWA UNIVERSITY	52	0	0	0	0	0	0	0	0	0	52	0
ST MARY COLLEGE	271	0	0	0	8	0	0	0	0	0	263	0
UNIVERSITY OF KANSAS	22,988	54	164	1,272	2,092	341	388	14,212	0	1,413	2,213	839
WICHITA STATE UNIVERSITY	377	0	0	2	0	0	0	183	0	136	56	0
KENTUCKY, TOTAL	30,801	7,627	101	999	117	1,128	188	17,226	335	906	2,987	25
BELLARMINE COLLEGE	49	0	0	0	0	0	0	0	0	0	49	0
BEREA COLLEGE	54	5	0	0	0	0	0	0	0	0	49	0
KENTUCKY STATE UNIVERSITY	1,848	1,628	0	0	0	0	0	0	0	0	220	0
MURRAY STATE UNIVERSITY	23	0	0	0	0	0	0	0	0	21	2	0
NORTHERN KENTUCKY UNIV	36	0	0	0	0	0	0	0	0	0	36	0
UNIVERSITY OF KENTUCKY	23,906	5,994	101	729	95	690	188	13,772	335	147	1,830	25
UNIVERSITY OF LOUISVILLE	4,728	0	0	230	0	438	0	3,284	0	340	366	0
WESTERN KENTUCKY UNIV	157	0	0	0	22	0	0	100	0	0	35	0
LOUISIANA, TOTAL	59,799	5,130	2,299	3,047	947	1,624	710	38,613	952	879	4,028	1,970
DILLARD UNIVERSITY	41	41	0	0	0	0	0	0	0	0	0	0
GRAMBLING STATE UNIV	251	0	0	0	88	138	0	25	0	0	0	0
LA ST UNIV SYSTEM OFFICE	811	0	0	0	0	0	0	334	414	0	63	0
LOUISIANA STATE UNIV	36,581	3,851	2,161	2,670	295	1,434	710	21,817	138	470	2,985	90
LOUISIANA TECH UNIVERSITY	813	113	38	70	500	0	0	0	0	25	67	0
MCNEESE STATE UNIVERSITY	30	29	0	0	0	0	0	0	0	0	1	0
NORTHEAST LOUISIANA UNIV	10	0	0	0	0	0	0	0	0	10	0	0
SOUTHERN U & A&M COLLEGE	1,710	1,096	0	0	0	52	0	0	0	237	225	0
TULANE UNIVERSITY	18,062	0	0	187	64	0	0	15,310	0	37	344	1,920
UNIV OF SOUTHWESTERN LA	1,280	0	0	30	0	0	0	1,107	0	0	143	0
XAVIER UNIVERSITY OF LA	210	0	100	90	0	0	0	20	0	0	0	0
MAINE, TOTAL	8,613	2,611	123	2,099	95	315	781	1,261	363	25	980	0
BATES COLLEGE	61	0	0	0	0	0	0	0	0	0	61	0
BOWDOIN COLLEGE	124	0	0	0	0	0	0	78	0	0	46	0
COLBY COLLEGE	33	0	0	0	0	0	0	0	0	25	8	0
COLLEGE OF THE ATLANTIC	49	0	8	0	14	0	0	0	27	0	0	0
EASTERN ME VOC TECH INST	81	0	0	0	81	0	0	0	0	0	0	0
UNIV OF MAINE ORONO	4,966	2,611	20	269	0	0	781	400	20	0	865	0
UNIV OF MAINE SYSTEM OFF	283	0	0	0	0	0	0	0	283	0	0	0
UNIV OF MAINE, FARMINGTON	315	0	0	0	0	315	0	0	0	0	0	0
UNIV OF MAINE, MACHIAS	15	0	15	0	0	0	0	0	0	0	0	0
UNIVERSITY OF NEW ENGLAND	1,867	0	0	1,790	0	0	0	77	0	0	0	0
UNIVERSITY OF STHRN MAINE	819	0	80	0	0	0	0	706	33	0	0	0
MARYLAND, TOTAL	460,057	4,001	3,635	241,061	1,530	8,025	1,472	163,166	640	12,077	21,993	2,857
BOWIE STATE COLLEGE	130	0	0	0	0	0	0	0	0	130	0	0
JOHNS HOPKINS UNIVERSITY	374,656	40	372	225,522	358	2,957	952	132,088	0	3,496	7,804	1,467
LOYOLA COLLEGE	70	0	0	20	0	0	0	0	0	26	24	0
MORGAN STATE UNIVERSITY	517	0	0	0	0	0	0	0	0	367	75	75
ST JOHN'S COLLEGE (MD)	43	0	0	0	25	0	0	0	0	18	0	0
ST MARY'S COLLEGE OF MD	48	0	0	0	0	0	0	48	0	0	0	0
TOWSON STATE UNIVERSITY	11	0	0	0	0	0	0	0	0	5	6	0
U OF MD BALTIMORE COUNTY	2,111	0	0	0	64	0	0	1,678	0	160	207	0
U OF MD CENTER FOR EES	74	0	0	0	0	74	0	0	0	0	0	0
U OF MD EASTERN SHORE	1,152	741	0	0	26	0	0	0	25	0	360	0
U OF MD UNIVERSITY COLL	67	58	0	0	9	0	0	0	0	0	0	0
UNIV OF MARYLAND SYS OFF	4,095	652	2,418	0	0	0	0	6	554	0	5	430
UNIV OF MD BALT PROF SCH	28,278	0	0	2,035	0	0	75	25,601	0	0	567	0
UNIV OF MD COLLEGE PARK	48,728	2,510	845	13,484	952	4,994	845	3,745	61	7,875	12,522	895
UNIVERSITY OF BALTIMORE	70	0	0	0	70	0	0	0	0	0	0	0
WESTERN MARYLAND COLLEGE	47	0	0	0	24	0	0	0	0	0	23	0
MASSACHUSETTS, TOTAL	536,122	14,851	3,656	90,644	3,687	53,362	4,488	348,293	1,311	18,690	93,325	3,835
AMHERST COLLEGE	896	270	30	0	0	0	0	417	0	0	179	0
BABSON COLLEGE	100	0	100	0	0	0	0	0	0	0	0	0
BERKSHIRE COMMUNITY COL	188	0	0	0	188	0	0	0	0	0	0	0
BOSTON COLLEGE	3,351	0	0	618	0	0	40	1,886	0	0	974	183
BOSTON UNIVERSITY	53,231	56	95	3,898	1,421	925	10	41,714	30	513	4,660	9
BRANDEIS UNIVERSITY	16,007	0	0	90	10	543	143	11,946	0	394	2,921	0
BRIDGEWATER STATE COLLEGE	117	0	0	0	64	0	0	0	0	0	53	0
CLARK UNIVERSITY	2,017	0	0	200	0	130	0	291	0	0	316	1,120
COL OF THE HOLY CROSS	114	0	0	0	0	0	0	0	0	0	114	0
EMERSON COLLEGE	73	0	0	0	73	0	0	0	0	0	0	0
EMMANUEL COLLEGE	1,310	0	0	1,310	0	0	0	0	0	0	0	0
HAMPSHIRE COLLEGE	46	0	0	0	0	0	0	0	0	0	33	0
HARVARD UNIVERSITY	123,301	115	103	7,108	199	3,964	781	89,421	96	4,030	15,313	2,022
LESLEY COLLEGE	313	0	0	0	311	0	0	0	0	0	2	0
MASS INST OF TECHNOLOGY	187,623	411	2,072	45,397	248	44,323	290	45,949	788	12,069	36,710	364
MASS SCH OF PROF PSYCH	84	0	0	0	0	0	0	0	0	0	0	84
MOUNT HOLYOKE COLLEGE	74	0	0	0	0	31	0	0	0	0	43	0
N E COL OF OPTOMETRY	49	0	0	0	0	0	0	49	0	0	0	0
NORTHEASTERN UNIVERSITY	8,211	0	0	2,679	319	154	32	2,876	0	181	1,899	71

SEE FOOTNOTES AT END OF TABLE.

TABLE B-30. — FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES FOR RESEARCH AND DEVELOPMENT BY STATE, INSTITUTION, AND AGENCY: FISCAL YEAR 1987

CONTINUED

(DOLLARS IN THOUSANDS)

STATE & INSTITUTION	TOTAL	USDA	CDN	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
MASSACHUSETTS, CONT'D												
QUINSIGAMOND CNTY COLLEGE	42	0	0	0	42	0	0	0	0	0	0	0
RADCLIFFE COLLEGE	297	0	0	142	0	0	0	155	0	0	0	0
REGIS COLLEGE	470	0	0	470	0	0	0	0	0	0	0	0
SALEM STATE COLLEGE	65	0	0	0	65	0	0	0	0	0	0	0
SIMMONS COLLEGE	351	0	0	0	0	0	0	351	0	0	0	0
SMITH COLLEGE	465	0	0	0	52	0	199	151	0	0	103	0
SOUTHEASTERN MASS UNIV	1,095	718	0	0	0	0	0	0	0	0	377	0
TUFTS UNIVERSITY	36,241	10,399	0	370	299	1,129	2,722	19,521	0	41	1,800	0
UNIV OF MASS SYSTEM OFF	333	148	80	0	0	0	0	0	105	0	0	0
UNIVERSITY OF LOWELL	2,277	0	0	1,278	0	105	0	686	0	0	208	0
UNIVERSITY OF MASSACHUSET	57,913	2,734	0	11,424	466	1,491	311	31,194	62	912	9,319	0
WELLESLEY COLLEGE	1,029	0	0	0	0	0	0	755	0	0	274	0
WENTWORTH INST OF TECH	1,670	0	0	1,670	0	0	0	0	0	0	0	0
WESTERN NEW ENGLAND COL	50	0	0	0	0	0	0	0	0	50	0	0
WHEATON COLLEGE	105	0	0	0	0	0	0	0	0	0	0	0
WHEELOCK COLLEGE	25	0	0	0	0	0	0	65	0	20	20	0
WILLIAMS COLLEGE	268	0	0	0	0	0	0	25	0	0	0	0
WOODS HOLE OCNGRPHIC INST	34,711	0	1,176	14,050	0	557	0	103	0	0	165	0
WORCESTER POLY INSTITUTE	1,540	0	0	0	0	10	0	431	270	189	18,038	0
								464	0	261	805	0
MICHIGAN, TOTAL	213,721	9,313	560	15,521	1,488	8,300	1,641	121,764	299	9,591	39,162	6,122
ALPENA COMMUNITY COLLEGE	40	0	40	0	0	0	0	0	0	0	0	0
ANDREWS UNIVERSITY	232	0	0	0	189	0	0	0	0	0	43	0
CALVIN COLLEGE	115	0	0	0	0	0	0	0	0	0	115	0
CENTRAL MICHIGAN UNIV	92	0	0	0	24	0	0	68	0	0	0	0
DELTA COLLEGE	91	0	0	0	91	0	0	0	0	0	0	0
EASTERN MICHIGAN UNIV	891	0	0	0	76	0	0	392	0	0	423	0
FERRIS STATE COLLEGE	52	0	0	0	0	0	0	52	0	0	0	0
HOPE COLLEGE	454	0	0	0	0	0	0	154	0	0	300	0
KALAMAZOO COLLEGE	53	0	0	0	0	0	0	53	0	0	0	0
LANSING COMMUNITY COLLEGE	50	0	0	0	0	0	0	50	0	0	0	0
MICHIGAN STATE UNIVERSITY	48,897	7,857	144	1,732	337	2,580	754	15,367	105	340	14,767	4,914
MICHIGAN TECH UNIVERSITY	4,632	623	0	1,997	0	478	95	87	154	216	982	0
NORTHERN MICHIGAN UNIV	141	0	63	0	30	0	0	0	0	0	48	0
NORTHWESTERN MICHIGAN COL	46	0	0	0	46	0	0	0	0	0	0	0
OAKLAND COMMUNITY COLLEGE	113	0	0	80	0	33	0	0	0	0	0	0
OAKLAND UNIVERSITY	2,709	0	0	0	0	0	0	2,494	0	0	215	0
UNIVERSITY OF DETROIT	160	0	0	0	0	0	0	152	0	0	8	0
UNIVERSITY OF MICHIGAN	134,977	833	313	11,140	240	4,883	792	86,178	0	8,914	20,599	1,085
WAYNE STATE UNIVERSITY	19,603	0	0	522	455	256	0	16,591	0	33	1,623	123
WESTERN MICHIGAN UNIV	373	0	0	50	0	70	0	126	0	88	39	0
MINNESOTA, TOTAL	121,588	6,461	890	4,059	2,407	4,778	1,299	82,700	368	1,975	16,386	265
AUGSBURG COLLEGE	4	0	0	0	0	0	0	0	0	0	4	0
BETHEL COLLEGE & SEMINARY	6	0	0	0	0	0	0	0	0	0	6	0
CARLETON COLLEGE	312	145	0	0	0	0	0	0	0	0	167	0
COLLEGE OF ST CATHERINE	6	0	0	0	6	0	0	0	0	0	0	0
MACALESTER COLLEGE	150	0	0	0	0	0	0	0	0	0	150	0
MANKATO STATE UNIVERSITY	260	0	0	0	0	0	0	56	0	0	204	0
ST CLOUD STATE UNIVERSITY	115	0	0	0	42	0	0	73	0	0	0	0
ST JOHN'S UNIVERSITY	10	0	0	0	0	0	0	10	0	0	0	0
ST MARY'S COLLEGE	156	90	0	0	66	0	0	0	0	0	0	0
ST OLAF COLLEGE	289	0	0	0	103	0	0	99	0	0	87	0
ST PAUL TECH VOC INST	534	0	0	0	534	0	0	0	0	0	0	0
UNIVERSITY OF MINNESOTA	119,746	6,226	890	4,059	1,656	4,778	1,299	82,462	368	1,975	15,768	265
MISSISSIPPI, TOTAL	32,005	8,703	225	7,722	731	3,098	415	8,742	258	446	1,512	153
ALCORN STATE UNIVERSITY	1,338	1,338	0	0	0	0	0	0	0	0	0	0
JACKSON STATE UNIVERSITY	1,827	13	0	82	0	930	0	42	0	151	521	88
MISS VALLEY STATE UNIV	828	728	100	0	0	0	0	0	0	0	0	0
MISSISSIPPI STATE UNIV	16,900	6,454	0	6,607	663	1,976	105	704	0	264	62	65
RUST COLLEGE	55	0	0	0	0	0	0	55	0	0	0	0
UNIV OF STHRN MISSISSIPPI	1,495	170	45	373	68	170	0	145	15	8	501	0
UNIVERSITY OF MISSISSIPPI	9,562	0	80	660	0	22	310	7,796	243	23	428	0
MISSOURI, TOTAL	129,563	8,023	402	3,575	334	2,094	328	98,770	1,556	2,504	9,092	2,885
CENTRAL MISSOURI ST UNIV	49	0	0	0	0	0	0	49	0	0	0	0
DRURY COLLEGE	27	0	0	0	0	0	0	27	0	0	0	0
KIRKSVILLE COL OSTEO MED	228	0	0	0	0	0	78	150	0	0	0	0
LINCOLN UNIVERSITY (MO)	1,447	1,447	0	0	0	0	0	0	0	0	0	0
MISSOURI SOUTHERN ST COL	39	0	0	0	0	0	0	0	39	0	0	0
NORTHEAST MISSOURI ST U	51	0	0	0	0	0	0	0	0	0	51	0
PENN VALLEY COMMUNITY C	2	0	0	0	0	0	0	0	0	0	0	2
SOUTHEAST MISSOURI ST U	71	0	0	0	0	0	0	53	0	0	18	0
SOUTHWEST MISSOURI ST U	11	0	0	0	0	0	0	0	0	0	11	0
ST LOUIS UNIVERSITY	10,389	0	0	160	26	0	0	9,223	230	45	575	130
UNIV OF MISSOURI COLUMBIA	22,035	6,325	0	507	0	498	170	9,639	23	0	2,120	2,753
UNIV OF MISSOURI KAN CITY	1,684	51	0	377	0	96	80	1,001	0	0	79	0
UNIV OF MISSOURI ROLLA	2,602	0	0	260	0	319	0	30	920	271	802	0
UNIV OF MISSOURI ST LOUIS	854	0	0	81	0	0	0	213	0	29	531	0
UNIV OF MISSOURI SYS OFF	1,019	0	402	0	243	0	0	30	344	0	0	0
WASHINGTON UNIVERSITY	89,055	200	0	2,190	65	1,181	0	78,355	0	2,159	4,905	0

SEE FOOTNOTES AT END OF TABLE.

BY STATE, INSTITUTION, AND AGENCY: FISCAL YEAR 1987

CONTINUED

(DOLLARS IN THOUSANDS)

STATE & INSTITUTION	TOTAL	USDA	COM	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
MONTANA, TOTAL	8,866	2,993	209	408	147	129	775	1,709	573	198	2,125	0
EASTERN MONTANA COLLEGE	95	0	0	55	0	0	0	0	0	0	40	0
MONT COL MINRL SCI & TECH	180	0	0	0	0	0	42	0	138	0	0	0
MONTANA STATE UNIVERSITY	6,715	2,098	150	270	0	129	699	1,223	358	25	1,763	0
MONTANA U SYS-SYSTEM OFF	15	0	0	0	0	0	0	0	15	0	0	0
SALISH KOOTENAI CNTY COL	113	0	0	0	113	0	0	0	0	0	0	0
UNIVERSITY OF MONTANA	1,714	495	59	83	0	0	34	486	62	173	322	0
WESTERN MONTANA COLLEGE	34	0	0	0	34	0	0	0	0	0	0	0
NEBRASKA, TOTAL	28,564	3,796	335	829	614	493	144	11,648	189	726	4,412	5,378
CREIGHTON UNIVERSITY	1,979	0	0	0	81	0	0	1,883	0	0	15	0
KEARNEY STATE COLLEGE	70	0	0	0	0	0	0	56	14	0	0	0
U NEB CTRL ADMIN SYS OFF	510	0	335	0	0	0	0	0	175	0	0	0
U OF NEB MED CTR AT OMAHA	7,557	0	0	0	0	0	0	7,537	0	20	0	0
UNIV OF NEBRASKA AT OMAHA	3,322	0	0	130	0	0	0	0	0	0	0	3,192
UNIV OF NEBRASKA-LINCOLN	15,126	3,796	0	699	533	493	144	2,172	0	706	4,397	2,186
NEVADA, TOTAL	14,955	1,624	1,244	260	0	2,100	3,205	2,704	1,500	287	2,031	0
DESERT RESEARCH INSTITUTE	2,421	0	1,244	0	0	31	347	0	168	20	611	0
U OF NEV SYS ADM SYS OFF	781	0	0	0	0	0	0	0	231	0	550	0
UNIV OF NEVADA - RENO	9,265	1,624	0	260	0	2,069	604	2,641	1,068	267	732	0
UNIV OF NEVADA LAS VEGAS	2,488	0	0	0	0	0	2,254	63	33	0	138	0
NEW HAMPSHIRE, TOTAL	34,653	1,938	2,598	1,852	48	984	341	16,899	105	5,561	4,327	0
DARTMOUTH COLLEGE	21,489	356	0	1,520	0	629	316	16,327	0	357	1,984	0
NEW HAMPSHIRE TECH INST	48	0	0	0	48	0	0	0	0	0	0	0
UNIV OF NEW HAMPSHIRE	12,986	1,582	2,598	332	0	355	25	547	0	5,204	2,343	0
UNIV SYS OF N HAMP SYS OF	130	0	0	0	0	0	0	25	105	0	0	0
NEW JERSEY, TOTAL	97,865	3,630	2,785	12,207	721	4,798	813	43,983	438	3,453	24,810	227
ESSEX COUNTY COLLEGE	52	0	0	0	52	0	0	0	0	0	0	0
FAIRLEIGH DICKINSON UNIV	2,863	0	2,635	0	56	0	0	172	0	0	0	0
JERSEY CITY STATE COLLEGE	28	0	0	0	28	0	0	0	0	0	0	0
KEAN COL OF NEW JERSEY	46	0	0	0	46	0	0	0	0	0	0	0
N J INST OF TECHNOLOGY	158	0	0	0	0	0	0	0	0	0	158	0
NJ SCHL OF OSTEO MED	1,573	0	0	0	0	0	0	1,439	0	134	0	0
PRINCETON UNIVERSITY	44,286	0	30	8,671	39	4,083	77	12,113	0	3,256	15,947	70
RIDER COLLEGE	95	0	0	0	0	0	0	73	0	0	22	0
RUTGERS THE ST UNIV OF NJ	25,730	3,630	120	2,109	316	268	342	10,218	438	63	8,101	125
SETON HALL UNIVERSITY	164	0	0	0	0	152	0	0	0	0	12	0
STEVENS INSTITUTE OF TECH	1,995	0	0	1,427	110	295	0	0	0	0	131	32
STOCKTON STATE COLLEGE	14	0	0	0	0	0	0	0	0	0	14	0
TRENTON STATE COLLEGE	121	0	0	0	0	0	0	121	0	0	0	0
UNIV OF MED & DENT OF N J	20,666	0	0	0	0	0	394	19,847	0	0	425	0
WILLIAM PATERSON COLLEGE	74	0	0	0	74	0	0	0	0	0	0	0
NEW MEXICO, TOTAL	55,138	2,422	80	28,924	1,068	1,842	190	9,144	336	6,603	4,529	0
EASTERN NEW MEXICO UNIV	250	0	0	0	250	0	0	0	0	0	0	0
N MEX INST MINING & TECH	4,347	0	0	3,080	0	458	0	0	138	67	604	0
NEW MEXICO HIGHLANDS UNIV	252	0	0	0	157	0	20	0	0	0	75	0
NEW MEXICO STATE UNIV	25,072	2,422	0	14,276	0	386	170	777	155	5,653	1,233	0
SAN JUAN COLLEGE	59	0	0	0	0	0	0	46	13	0	0	0
UNIVERSITY OF NEW MEXICO	25,158	0	80	11,568	661	998	0	8,321	30	883	2,617	0
NEW YORK, TOTAL	752,825	9,798	2,517	58,036	8,295	38,511	6,624	490,679	1,854	13,993	112,591	9,927
ADELPHI UNIVERSITY	172	0	0	0	0	0	0	120	0	0	52	0
ALBANY MEDICAL COLLEGE	7,107	0	0	0	0	0	108	6,922	0	0	77	0
ALFRED UNIVERSITY	241	0	0	0	0	0	0	0	0	25	216	0
BANK STREET COL OF ED	75	0	0	0	75	0	0	0	0	0	0	0
BARNARD COLLEGE	489	0	0	0	0	0	0	434	0	0	55	0
BROOKLYN LAW SCHOOL	140	0	0	0	140	0	0	0	0	0	0	0
CANISIUS COLLEGE	51	0	0	0	0	0	0	0	0	0	51	0
CLARKSON UNIVERSITY	4,144	0	0	1,124	0	150	35	100	0	1,413	1,322	0
COLGATE UNIVERSITY	382	0	0	0	0	0	0	0	0	0	382	0
COLUMBIA U TEACHERS COL	886	0	0	0	173	0	0	349	0	0	364	0
COLUMBIA UNIV MAIN DIV	130,724	0	75	8,675	195	5,814	346	87,315	1,018	3,346	21,530	2,410
COLUMBIA UNIV SYS OFF	250	0	203	0	0	0	0	0	0	0	47	0
CORNELL UNIVERSITY	128,695	8,509	46	14,321	146	4,678	1,468	60,678	280	3,696	34,278	595
CUNY BERNARD BARUCH COL	206	100	0	0	0	0	0	62	0	0	44	0
CUNY BROOKLYN COLLEGE	1,300	0	0	0	0	100	0	590	0	0	610	0
CUNY CENTRAL SYS OFF	2,178	0	0	0	1,487	297	0	0	0	120	274	0
CUNY CITY COLLEGE	7,103	0	0	1,266	0	1,513	0	1,987	0	231	2,106	0
CUNY COL STATEN ISLAND	302	0	0	0	0	0	0	129	0	50	123	0
CUNY GRAD SCH & UNIV CTR	1,418	0	0	0	0	0	0	1,304	0	0	105	9
CUNY HUNTER COLLEGE	3,911	0	0	0	0	0	0	2,903	0	358	650	0
CUNY JHN JAY COL CRIM JUS	219	0	0	0	0	0	0	120	0	0	0	99
CUNY LAGUARDIA CNTY COL	72	0	0	0	72	0	0	0	0	0	0	0
CUNY LEHMAN COLLEGE	318	0	0	0	0	0	0	0	0	0	318	0
CUNY MT SINAI SCH OF MED	34,851	0	0	0	290	79	224	33,795	0	45	458	0
CUNY NY CITY TECH COL	386	0	0	0	296	0	0	0	0	0	90	0
CUNY QUEENS COLLEGE	1,769	0	0	92	0	175	0	950	0	0	552	0
CUNY YORK COLLEGE	41	0	0	0	0	37	0	0	0	0	4	0

SEE FOOTNOTES AT END OF TABLE.

TABLE B-20. — FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES FOR RESEARCH AND DEVELOPMENT BY STATE, INSTITUTION, AND AGENCY: FISCAL YEAR 1987

CONTINUED

(DOLLARS IN THOUSANDS)

STATE & INSTITUTION	TOTAL	USDA	COM	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
NEW YORK, CONT'D												
FORDHAM UNIVERSITY	1,923	0	0	0	326	0	0	1,585	0	0	12	0
HAMILTON COLLEGE	393	0	0	0	0	0	0	242	0	0	151	0
HILBERT COLLEGE	17	0	0	0	17	0	0	0	0	0	0	0
HOFSTRA UNIVERSITY	395	0	0	0	113	0	0	0	0	75	207	0
IONA COLLEGE	41	0	0	41	0	0	0	0	0	0	0	0
ITHACA COLLEGE	176	0	0	0	0	0	0	0	0	0	176	0
LONG ISLAND UNIVERSITY	951	0	0	0	0	0	0	195	0	0	756	0
MANHATTAN COLLEGE	200	0	0	0	0	27	0	144	0	29	0	0
MANHATTANVILLE COLLEGE	40	0	0	0	0	0	0	40	0	0	0	0
MARIST COLLEGE	9	0	0	0	0	0	0	0	0	0	9	0
MARYMOUNT MANHATTAN COL	5	0	0	0	5	0	0	0	0	0	0	0
N Y COL OF PODIATRIC MED	31	0	0	0	0	0	0	31	0	0	0	0
NEW SCH FOR SOC RESEARCH	468	0	0	0	0	0	0	468	0	0	0	0
NEW YORK INST TECHNOLOGY	463	0	0	112	0	0	0	129	0	0	222	0
NEW YORK MEDICAL COLLEGE	11,513	0	0	0	0	98	0	11,385	0	0	60	0
NEW YORK UNIVERSITY	75,966	0	0	4,734	955	6,442	955	50,596	0	690	7,066	4,928
PACE UNIVERSITY	210	0	0	0	52	0	0	158	0	0	0	0
POLYTECHNIC INST OF N Y	6,178	0	0	3,847	0	254	0	220	0	30	1,687	140
PRATT INSTITUTE	38	0	0	0	0	0	0	0	0	0	0	38
RENSSELAER POLYTECH INST	14,178	165	20	4,819	0	1,053	0	1,576	0	1,325	5,108	112
ROCHESTER INST TECHNOLOGY	2,485	0	0	1,180	1,181	0	0	0	0	53	71	0
ROCKEFELLER UNIVERSITY	37,051	100	0	100	0	1,026	390	34,301	0	31	1,103	0
SARAH LAWRENCE COLLEGE	19	0	0	0	19	0	0	0	0	0	0	0
SIENA COLLEGE	44	0	0	0	0	0	0	0	0	0	44	0
ST JOHN FISHER COLLEGE	70	0	0	0	0	70	0	0	0	0	0	0
ST JOHN'S UNIVERSITY (NY)	311	0	0	0	0	0	0	311	0	0	0	0
SUNY AG & TECH ALFRED	80	0	0	80	0	0	0	0	0	0	0	0
SUNY AT ALBANY	16,326	117	0	3,472	168	377	2,757	5,905	0	615	2,885	30
SUNY AT BINGHAMTON	1,506	0	0	70	0	28	0	803	0	59	546	0
SUNY AT BUFFALO	27,255	0	0	1,955	174	994	0	19,630	0	407	4,095	0
SUNY AT STONY BROOK	38,014	0	0	1,089	0	2,901	0	20,864	47	923	12,220	0
SUNY COL AT OLD WESTBURY	140	0	0	140	0	0	0	0	0	0	0	0
SUNY COL OF ENV SCI & FOR	556	243	0	0	0	0	0	104	0	0	209	0
SUNY COLLEGE AT PURCHASE	144	0	0	0	0	0	0	69	0	30	45	0
SUNY COLLEGE BROCKPORT	136	0	0	0	124	0	0	0	0	0	12	0
SUNY COLLEGE BUFFALO	327	0	0	0	0	0	0	302	0	0	25	0
SUNY COLLEGE FREDONIA	150	0	0	0	39	0	0	0	0	0	111	0
SUNY COLLEGE GENESEO	139	0	0	0	0	0	0	116	0	0	23	0
SUNY COLLEGE OSWEGO	3	0	0	0	0	0	0	0	0	0	3	0
SUNY COLLEGE PLATTSBURGH	462	0	0	0	145	72	0	245	0	0	0	0
SUNY COLLEGE POTSDAM	83	0	0	0	0	0	0	0	0	0	83	0
SUNY DOWNSTATE MED CTR	7,775	0	0	0	0	0	0	7,578	0	52	145	0
SUNY NASSAU CNTY COLLEGE	89	0	0	0	67	0	0	0	0	0	22	0
SUNY ST COL OF OPTOMETRY	257	0	0	0	0	0	0	257	0	0	0	0
SUNY SYSTEM OFFICE	2,720	165	2,173	0	0	0	0	0	148	0	234	0
SUNY UPSTATE MEDICAL CTR	8,352	0	0	0	294	0	0	7,787	0	0	271	0
SYRACUSE UNIVERSITY	15,391	0	0	4,207	638	904	170	4,576	361	257	2,763	1,515
UN OF NY REGENTS COL DEG	678	319	0	0	88	0	0	52	0	0	219	0
UNION COLLEGE (NY)	267	0	0	0	54	0	0	0	0	6	207	0
UNIVERSITY OF ROCHESTER	85,674	80	0	6,462	0	11,422	171	60,087	0	127	7,320	5
VASSAR COLLEGE	574	0	0	0	0	0	0	441	0	0	133	0
WEBB INST OF NAVAL ARCH	46	0	0	0	0	0	0	0	0	0	0	46
WELLS COLLEGE	48	0	0	0	0	0	0	48	0	0	0	0
YESHIVA UNIVERSITY	65,028	0	0	280	1,362	0	0	62,746	0	0	640	0
NORTH CAROLINA, TOTAL	228,176	11,225	1,610	14,109	3,044	5,206	5,614	164,059	369	3,443	16,745	2,752
APPALACHIAN ST UNIVERSITY	709	0	0	0	306	0	11	154	0	0	238	0
BENNETT COLLEGE (NC)	40	0	0	0	0	0	0	40	0	0	0	0
CENTRAL PIEDMONT CNTY COL	280	0	0	0	280	0	0	0	0	0	0	0
DAVIDSON COLLEGE	186	0	0	0	0	0	0	158	0	0	28	0
DUKE UNIVERSITY	84,622	100	116	3,479	0	2,447	1,513	70,400	0	747	5,620	0
EAST CAROLINA UNIVERSITY	2,374	0	0	220	0	0	213	1,764	0	63	114	0
MARS HILL COLLEGE	53	0	0	0	0	0	0	53	0	0	0	0
N C STATE UNIV AT RALEIGH	30,195	8,738	1,385	6,469	0	1,318	1,013	3,061	369	1,631	4,184	2,027
NC AG & TECH STATE UNIV	3,421	2,058	0	142	203	194	0	125	0	258	237	204
NORTH CAROLINA CNTRL UNIV	344	29	0	62	103	63	25	62	0	0	0	0
UNIV OF N C AT ASHEVILLE	149	0	0	0	144	0	0	0	0	0	5	0
UNIV OF N C AT CHARLOTTE	391	0	0	0	26	80	0	0	0	55	230	0
UNIV OF N C AT GREENSBORO	428	0	0	0	129	0	0	197	0	0	102	0
UNIV OF N C AT WILMINGTON	100	0	0	0	0	0	0	0	0	0	100	0
UNIV OF N C SYS OFF	1,851	0	29	0	1,775	0	0	0	0	0	0	47
UNIV OF NC AT CHAPEL HILL	81,473	300	0	3,597	0	942	2,839	67,299	0	473	5,549	474
WAKE FOREST UNIVERSITY	21,100	0	0	140	0	133	0	20,438	0	216	173	0
WESTERN CAROLINA UNIV	369	0	80	0	78	0	0	46	0	0	165	0
WINSTON-SALEM STATE UNIV	91	0	0	0	0	29	0	62	0	0	0	0
NORTH DAKOTA, TOTAL	8,194	3,354	85	400	299	135	68	1,238	1,003	61	513	1,038
NORTH DAKOTA STATE UNIV	4,754	3,243	85	400	0	0	0	368	265	0	305	88
STANDING ROCK COLLEGE	179	0	0	0	179	0	0	0	0	0	0	0
UNIVERSITY OF N DAKOTA	3,261	111	0	0	120	135	68	870	738	61	208	950
OHIO, TOTAL	197,721	7,795	1,104	35,936	1,702	4,316	2,399	104,894	583	12,352	18,152	8,526
BELMONT TECHNICAL COLLEGE	6	0	0	0	0	0	0	0	6	0	0	0
BOWLING GREEN STATE UNIV	930	0	14	30	178	0	15	464	0	0	229	0
CASE WESTERN RESERVE UNIV	56,774	106	0	3,677	419	396	148	43,597	0	4,548	3,883	0

SEE FOOTNOTES AT END OF TABLE.

TABLE B-20. — FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES FOR RESEARCH AND DEVELOPMENT BY STATE, INSTITUTION, AND AGENCY: FISCAL YEAR 1987

CONTINUED

(DOLLARS IN THOUSANDS)

STATE & INSTITUTION	TOTAL	USDA	CON	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
OHIO, CONT'D												
CLEVELAND STATE UNIV	2,118	0	100	0	45	0	0	363	0	1,610	0	0
COL MT ST JOSEPH-ON-OHIO	50	0	0	0	0	0	0	50	0	0	0	0
COLLEGE OF WOOSTER	61	0	0	0	0	0	0	29	0	0	32	0
COLUMBUS TECHNICAL INST	44	0	0	0	0	0	0	44	0	0	0	0
CUYAHOGA CMTY COL DIST	33	0	0	0	33	0	0	0	0	0	0	0
DENISON UNIVERSITY	128	0	0	0	79	37	0	0	0	0	12	0
JOHN CARROLL UNIVERSITY	88	0	0	0	0	0	0	0	0	45	43	0
KENT STATE UNIVERSITY	1,757	0	0	330	77	122	0	335	0	15	878	0
KENYON COLLEGE	161	0	0	0	0	0	0	67	0	35	59	0
MED COL OF OHIO AT TOLEDO	4,521	0	0	80	0	0	119	4,322	0	0	0	0
MIAMI UNIVERSITY (OHIO)	1,548	0	0	0	149	12	52	547	0	274	514	0
MUSKINGUM COLLEGE	109	0	0	0	109	0	0	0	0	0	0	0
NE OHIO UNIVS MED SCHOOL	696	0	0	30	0	0	170	496	0	0	0	0
NOTRE DAME COLLEGE (OH)	172	0	0	0	0	0	0	0	172	0	0	0
OBERLIN COLLEGE	160	0	0	0	0	0	0	0	0	0	160	0
OHIO STATE UNIVERSITY	64,573	7,025	661	9,130	18	2,847	511	24,057	303	2,924	8,761	8,336
OHIO UNIVERSITY	2,120	0	35	106	245	367	0	560	0	338	409	60
OHIO WESLEYAN UNIVERSITY	37	0	0	0	0	0	0	37	0	0	0	0
UNIVERSITY OF AKRON	2,192	156	0	246	0	200	152	119	0	790	529	0
UNIVERSITY OF CINCINNATI	34,488	400	237	2,062	70	295	975	27,589	0	758	2,102	0
UNIVERSITY OF DAYTON	19,944	68	59	19,150	0	0	156	70	0	232	79	130
UNIVERSITY OF TOLEDO	1,588	0	0	30	0	40	0	520	0	661	337	0
WITTENBERG UNIVERSITY	17	0	0	0	0	0	0	0	0	17	0	0
WRIGHT STATE UNIVERSITY	3,133	0	0	1,065	280	0	101	1,435	102	105	45	0
YOUNGSTOWN ST UNIVERSITY	273	0	0	0	0	0	0	193	0	0	80	0
OKLAHOMA, TOTAL	32,570	4,913	1,826	4,496	1,103	4,508	1,124	9,199	292	483	4,493	133
CENTRAL STATE UNIV (OK)	120	0	80	40	0	0	0	0	0	0	0	0
EAST CENTRAL OKLA ST UNIV	295	0	0	0	0	0	295	0	0	0	0	0
EASTERN OKLA STATE COL	25	0	25	0	0	0	0	0	0	0	0	0
LANGSTON UNIVERSITY	1,100	1,051	0	0	0	0	0	0	49	0	0	0
NORTHEASTERN OKLA ST UNIV	65	0	0	0	0	0	0	65	0	0	0	0
OKLA COL OSTEO MED & SURG	49	0	0	0	0	0	0	49	0	0	0	0
OKLAHOMA STATE UNIVERSITY	11,383	3,862	250	3,710	402	328	286	445	105	35	1,880	80
ORAL ROBERTS UNIVERSITY	416	0	0	0	0	0	0	416	0	0	0	0
PHILLIPS UNIVERSITY	75	0	0	0	75	0	0	0	0	0	0	0
SOUTHEASTERN OKLA ST UNIV	263	0	0	0	0	0	0	0	0	263	0	0
TULSA JUNIOR COLLEGE	209	0	0	0	0	0	0	209	0	0	0	0
UNIVERSITY OF OKLAHOMA	17,736	0	1,471	666	602	4,047	543	7,947	138	185	2,084	53
UNIVERSITY OF TULSA	834	0	0	80	24	133	0	68	0	0	529	0
OREGON, TOTAL	84,138	8,528	3,288	9,795	5,023	2,840	2,585	31,964	1,994	1,548	14,966	2,007
CHEMEKETA COMMUNITY COL	61	0	0	0	61	0	0	0	0	0	0	0
EASTERN OREGON ST COLLEGE	1,049	0	100	0	907	0	42	0	0	0	0	0
LANE COMMUNITY COLLEGE	97	0	0	0	97	0	0	0	0	0	0	0
LEWIS & CLARK COLLEGE	76	0	0	0	0	0	53	0	0	0	23	0
OREG ST HIGHER ED SYS OFF	33	0	0	0	0	0	0	0	0	0	33	0
OREGON GRADUATE CENTER	5,662	0	0	1,637	0	1,644	150	504	0	324	893	510
OREGON HLTH SCIENCES UNIV	17,884	0	0	80	0	0	0	17,707	0	95	2	0
OREGON STATE UNIVERSITY	40,059	8,306	3,168	6,049	103	624	2,115	7,047	1,573	647	8,977	1,450
PORTLAND COMMUNITY COL	74	0	0	0	74	0	0	0	0	0	0	0
PORTLAND STATE UNIVERSITY	1,910	165	0	50	646	0	187	136	0	144	537	45
REED COLLEGE	394	0	0	0	0	0	0	332	0	0	62	0
SOUTHWESTERN OREG CMTY COL	2	0	0	0	0	0	0	0	0	0	0	2
UNIVERSITY OF OREGON MAIN	16,560	57	20	1,979	2,980	572	0	6,238	21	338	4,355	0
UNIVERSITY OF PORTLAND	122	0	0	0	0	0	38	0	0	0	84	0
WESTERN OREGON STATE COLL	155	0	0	0	155	0	0	0	0	0	0	0
PENNSYLVANIA, TOTAL	417,620	7,989	1,546	99,490	3,806	15,509	2,053	218,543	4,555	6,408	56,756	965
BEAVER COLLEGE	31	0	0	0	0	0	0	0	0	0	31	0
BRYN MAWR COLLEGE	616	0	0	0	0	0	0	501	0	0	115	0
BUCKNELL UNIVERSITY	265	0	0	0	0	0	0	104	0	0	161	0
CARNEGIE-MELLON UNIV	69,454	0	122	42,752	78	3,198	176	6,458	967	448	15,295	0
CMTY COL OF PHILADELPHIA	5	0	0	0	0	0	0	0	0	0	0	5
DICKINSON COLLEGE	103	0	0	0	75	0	0	0	0	0	28	0
DREXEL UNIVERSITY	5,633	0	87	1,482	0	190	400	806	0	418	2,250	0
DUQUESNE UNIVERSITY	69	0	0	0	0	0	0	69	0	0	0	0
EAST STROUDSBURG U OF PA	1	0	0	0	0	0	0	0	1	0	0	0
FRANKLIN & MARSHALL COL	464	0	0	0	0	0	0	122	0	0	342	0
HAHNEMANN UNIVERSITY	7,576	0	0	381	0	0	0	7,129	0	0	66	0
HARRISBURG AREA CMTY COL	35	0	0	0	0	0	0	35	0	0	0	0
HAVERFORD COLLEGE	459	0	0	0	0	0	0	72	0	0	387	0
INDIANA UNIV OF PENN	222	0	0	0	84	0	0	0	0	35	103	0
JUNIATA COLLEGE	13	0	0	0	0	0	0	0	0	0	13	0
KUTZTOWN UNIV OF PENN	33	0	0	0	0	0	33	0	0	0	0	0
LAFAYETTE COLLEGE	225	0	0	0	0	0	0	0	0	0	225	0
LEHIGH UNIVERSITY	8,966	117	268	1,916	105	1,668	0	1,335	0	426	3,131	0
LINCOLN UNIVERSITY (PA)	351	0	0	190	0	0	67	0	0	0	0	94
MANSFIELD UNIV OF PENN	49	0	0	0	0	0	0	49	0	0	0	0
MORAVIAN COLLEGE	10	0	0	0	0	0	0	0	0	0	10	0
MOUNT ALOYSIUS JUNIOR COL	52	0	0	0	52	0	0	0	0	0	0	0
PENNSYLVANIA COL OPTOMET	818	0	0	0	372	0	0	336	0	40	70	0
PENNSYLVANIA STATE UNIV	94,615	7,071	560	40,862	204	2,700	655	23,849	3,557	3,970	10,601	586
PHILA COL OF PHARM & SCI	69	0	0	0	0	0	0	69	0	0	0	0
PHILA COL OF TEXT & SCI	30	0	0	30	0	0	0	0	0	0	0	0

SEE FOOTNOTES AT END OF TABLE.

TABLE B-20. — FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES FOR RESEARCH AND DEVELOPMENT BY STATE, INSTITUTION, AND AGENCY: FISCAL YEAR 1987

CONTINUED

(DOLLARS IN THOUSANDS)

STATE & INSTITUTION	TOTAL	USDA	COM	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
PENNSYLVANIA, CONT'D												
SETON HILL COLLEGE	80	0	0	0	0	0	0	0	0	0	80	0
SHIPPENSBURG UNIV OF PENN	52	0	0	0	0	0	0	52	0	0	0	0
ST JOSEPH'S UNIVERSITY	212	0	0	140	0	0	0	0	0	0	72	0
SWARTHMORE COLLEGE	568	0	0	0	0	0	0	101	0	0	467	0
TEMPLE UNIVERSITY	21,361	100	0	249	925	469	50	17,939	0	0	1,629	0
THE MEDICAL COL OF PENNA	7,712	70	0	581	0	0	0	6,698	0	0	363	0
THIEL COLLEGE	75	0	0	0	75	0	0	0	0	0	0	0
THOMAS JEFFERSON UNIV	15,076	0	0	960	122	88	0	13,831	0	0	74	1
UNIV OF PENNSYLVANIA	109,388	431	50	6,014	603	5,670	0	81,947	30	419	14,025	199
UNIVERSITY OF PITTSBURGH	72,236	200	459	3,933	1,018	1,526	595	56,811	0	546	7,068	80
VILLANOVA UNIVERSITY	482	0	0	0	0	0	77	230	0	106	69	0
WEST CHESTER UNIV OF PENN	4	0	0	0	0	0	0	0	0	0	4	0
WESTMINSTER COLLEGE (PA)	117	0	0	0	0	0	0	0	0	0	117	0
WIDENER UNIVERSITY	29	0	0	0	29	0	0	0	0	0	0	0
WILKES COLLEGE	64	0	0	0	64	0	0	0	0	0	0	0
RHODE ISLAND, TOTAL	40,731	1,146	2,633	7,218	570	2,548	806	11,965	304	1,727	11,702	112
BROWN UNIVERSITY	27,710	64	60	4,797	340	2,548	0	10,887	199	1,505	7,310	0
RHODE ISLAND COLLEGE	171	0	0	0	83	0	0	35	0	0	53	0
SALVE REGINA COLLEGE	806	0	0	0	0	0	806	0	0	0	0	0
UNIV OF RHODE ISLAND	12,044	1,082	2,573	2,421	147	0	0	1,043	105	222	4,339	112
SOUTH CAROLINA, TOTAL	33,516	5,565	144	2,242	838	688	345	18,254	208	472	4,735	25
BEAUFORT TECHNICAL COL	500	0	0	0	500	0	0	0	0	0	0	0
BENEDICT COLLEGE	25	0	0	0	0	0	0	0	0	0	0	25
CITADEL MILITARY COL S C	60	0	0	0	0	0	0	0	0	60	0	0
CLAFLIN COLLEGE	52	0	0	0	0	52	0	0	0	0	0	0
CLEMSON UNIVERSITY	8,591	4,453	144	1,448	138	125	238	714	129	334	868	0
COLLEGE OF CHARLESTON	80	0	0	0	0	0	0	0	0	0	80	0
FRANCIS MARION COLLEGE	17	0	0	0	0	0	0	0	0	0	17	0
FURMAN UNIVERSITY	294	0	0	0	0	20	0	0	0	27	247	0
MED UNIV OF SO CAROLINA	10,848	0	0	0	0	0	0	10,282	0	0	566	0
SOUTH CAROLINA ST COLLEGE	1,189	1,112	0	0	77	0	0	0	0	0	0	0
TRI-COUNTY TECH COLLEGE	71	0	0	0	71	0	0	0	0	0	0	0
UNIV OF SOUTH CAROLINA	11,741	0	0	794	52	443	107	7,258	79	51	2,957	0
VOORHEES COLLEGE	48	0	0	0	0	48	0	0	0	0	0	0
SOUTH DAKOTA, TOTAL	4,840	2,367	0	0	142	100	158	420	367	357	929	0
AUGUSTANA COLLEGE	40	0	0	0	0	0	0	0	0	0	40	0
OGLALA SIOUX CNTY COLLEGE	18	0	0	0	0	0	0	18	0	0	0	0
S DAK SCH MINES & TECH	1,440	0	0	0	0	100	158	0	138	297	747	0
SOUTH DAKOTA STATE UNIV	2,631	2,367	0	0	90	0	0	69	105	0	0	0
U OF S D SYSTEM OFFICE	176	0	0	0	52	0	0	0	124	0	0	0
UNIV OF SOUTH DAKOTA	535	0	0	0	0	0	0	333	0	60	142	0
TENNESSEE, TOTAL	107,518	6,195	80	7,787	2,187	9,900	451	68,453	309	2,873	8,742	541
EAST TENNESSEE STATE UNIV	762	0	0	0	0	0	0	512	0	0	250	0
FISK UNIVERSITY	443	0	0	0	0	99	0	0	0	194	0	150
KING COLLEGE (TENN)	22	0	0	0	0	0	0	0	0	0	22	0
KNOXVILLE COLLEGE	7	0	0	0	0	7	0	0	0	0	0	0
LE MOYNE-OWEN COLLEGE	13	0	0	0	0	0	0	0	0	0	13	0
MEHARRY MEDICAL COLLEGE	5,197	0	0	440	0	75	0	2,468	0	0	2,214	0
MEMPHIS STATE UNIVERSITY	1,163	0	80	0	8	0	0	571	48	0	219	237
MIDDLE TENNESSEE ST UNIV	54	0	0	0	0	38	0	16	0	0	0	0
SOUTHERN COL OF OPTOMETRY	55	0	0	0	0	0	0	55	0	0	0	0
TENN TECHNOLOGICAL UNIV	290	0	0	0	0	102	0	54	5	0	129	0
TENNESSEE STATE UNIV	2,849	1,521	0	0	52	0	0	818	0	178	280	0
U TENNESSEE KNOXVILLE	18,517	4,572	0	3,012	686	2,058	451	4,240	10	858	2,546	84
UNIV OF TENN SYSTEM OFF	7,337	0	0	0	0	7,091	0	0	246	0	0	0
UNIV TENN CTR HEALTH SCI	16,156	0	0	593	0	0	0	15,123	0	100	340	0
VANDERBILT UNIVERSITY	54,653	102	0	3,742	1,441	430	0	44,596	0	1,543	2,729	70
TEXAS, TOTAL	378,266	17,429	2,783	56,096	2,187	15,852	3,880	225,582	603	17,274	35,731	849
ABILENE CHRISTIAN UNIV	55	0	0	0	0	55	0	0	0	0	0	0
AMARILLO COLLEGE	113	0	0	0	113	0	0	0	0	0	0	0
ARLINGTON BAPTIST COLL	72	0	0	0	72	0	0	0	0	0	0	0
BAYLOR COL OF DENTISTRY	1,055	0	0	600	0	0	0	455	0	0	0	0
BAYLOR COL OF MEDICINE	56,255	4,867	0	494	1,172	0	178	48,901	0	309	334	0
BAYLOR UNIVERSITY	642	0	0	0	0	0	0	536	0	98	8	0
BISHOP COLLEGE	64	0	0	0	0	0	0	64	0	0	0	0
MIDWESTERN STATE UNIV	14	0	0	0	0	0	0	0	0	0	14	0
NORTH TEXAS STATE UNIV	1,172	0	0	600	44	0	0	371	0	0	157	0
PAN AMERICAN UNIVERSITY	151	0	78	0	0	0	0	0	0	0	73	0
PRAIRIE VIEW A & M UNIV	2,345	2,045	0	0	0	0	0	0	0	225	75	0
RICE UNIVERSITY	14,119	0	0	2,227	39	1,829	1,134	2,372	0	1,250	5,268	0
RICHLAND COLLEGE	110	0	0	0	110	0	0	0	0	0	0	0
SOUTHERN METHODIST UNIV	2,335	0	0	1,030	0	16	0	354	0	204	731	0
SOUTHWEST TEXAS ST UNIV	23	0	0	0	0	0	0	0	0	23	0	0
SOUTHWESTERN UNIV (TX)	9	0	0	0	0	0	0	0	0	0	9	0
ST EDWARD'S UNIVERSITY	20	0	0	0	0	0	0	20	0	0	0	0
STEPHEN F AUSTIN ST UNIV	206	206	0	0	0	0	0	0	0	0	0	0
SUL ROSS STATE UNIVERSITY	295	0	0	0	5	0	0	0	0	5	285	0
TEXAS A & I UNIVERSITY	125	0	0	0	0	125	0	0	0	0	0	0

SEE FOOTNOTES AT END OF TABLE.

TABLE B-20. — FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES FOR RESEARCH AND DEVELOPMENT BY STATE, INSTITUTION, AND AGENCY: FISCAL YEAR 1987

CONTINUED

(DOLLARS IN THOUSANDS)

STATE & INSTITUTION	TOTAL	USDA	COM	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
TEXAS, CONT'D												
TEXAS A & M UNIV SYS OFF	414	0	0	0	0	0	0	54	0	210	0	150
TEXAS A & M UNIVERSITY	38,642	9,449	2,471	6,336	10	3,643	667	6,503	119	2,199	6,629	616
TEXAS CHRISTIAN UNIV	106	0	0	0	0	0	0	45	0	41	20	0
TEXAS COL OF OSTEO MED	2,005	0	0	0	0	0	0	2,005	0	0	0	0
TEXAS LUTHERAN COLLEGE	17	0	0	0	0	0	0	17	0	0	0	0
TEXAS SOUTHERN UNIV	1,511	0	0	0	129	101	0	930	0	16	335	0
TEXAS TECH UNIVERSITY	7,295	204	0	1,919	0	218	622	3,305	0	31	996	0
TEXAS WOMAN'S UNIVERSITY	336	0	0	0	0	0	0	336	0	0	0	0
TRINITY UNIVERSITY	410	0	0	0	0	0	0	92	0	0	318	0
U OF HOUSTON DOWNTOWN COL	472	0	0	0	0	472	0	0	0	0	0	0
U OF HOUSTON SYS OFF	616	0	0	0	0	616	0	0	0	0	0	0
U OF HOUSTON UNIV PARK	10,024	76	50	1,201	133	170	252	3,479	0	1,200	3,389	74
U OF TEXAS AT SAN ANTONIO	672	0	85	0	0	0	0	272	0	42	273	0
U TEX HLTH SCI CTR DALLAS	45,994	0	0	0	0	0	0	44,832	0	825	337	0
U TEX HLTH SCI CTR HOUSTN	28,148	0	0	330	0	0	48	26,589	0	1,181	0	0
U TEX HLTH SCI CTR S ANTO	26,725	0	0	910	0	0	0	25,369	0	49	397	0
U TEX MED BRNCH GALVESTON	20,202	111	0	790	0	0	102	18,517	0	449	213	0
U TEXAS SYSTEM CANCER CTR	26,134	0	0	0	0	220	0	25,648	0	0	266	0
UNIV HOUSTN CLR LAKE CITY	2,346	0	0	0	0	0	0	0	0	2,281	65	0
UNIV OF TEX AT ARLINGTON	1,175	0	0	366	0	80	50	293	0	155	231	0
UNIV OF TEXAS AT AUSTIN	76,495	471	99	36,738	0	8,254	772	10,583	138	4,777	14,663	0
UNIV OF TEXAS AT DALLAS	6,532	0	0	2,295	166	0	55	1,701	0	1,684	631	0
UNIV OF TEXAS AT EL PASO	489	0	0	260	0	53	0	72	90	0	14	0
UNIV OF TEXAS SYSTEM OFF	2,326	0	0	0	194	0	0	1,867	256	0	0	9
UTAH, TOTAL	86,950	2,982	0	23,956	1,669	5,215	1,198	38,313	1,434	1,877	10,559	147
BRIGHAM YOUNG UNIVERSITY	4,987	66	0	1,570	0	890	0	128	14	0	2,319	0
UNIVERSITY OF UTAH	56,590	60	0	7,092	439	4,217	23	36,761	1,125	654	6,072	147
UTAH STATE UNIVERSITY	25,170	2,856	0	14,894	1,230	108	1,175	1,370	295	1,223	2,019	0
WEBER STATE COLLEGE	203	0	0	0	0	0	0	54	0	0	149	0
VERMONT, TOTAL	24,108	1,969	0	230	996	208	60	19,270	123	44	1,208	0
BENNINGTON COLLEGE	15	0	0	0	0	0	0	0	0	15	0	0
MIDDLEBURY COLLEGE	88	0	0	0	30	0	0	0	0	29	29	0
NORWICH UNIVERSITY	83	0	0	0	0	0	0	50	0	0	33	0
UNIV OF VT & ST AGRIC COL	23,922	1,969	0	230	966	208	60	19,220	123	0	1,146	0
VIRGINIA, TOTAL	118,162	6,700	1,779	11,015	3,587	4,477	1,418	61,116	1,467	9,808	13,087	3,708
COLLEGE OF WILLIAM & MARY	3,028	0	166	0	39	178	55	0	0	894	1,696	0
EASTERN VA MEDICAL SCHOOL	4,658	0	0	0	50	0	0	1,288	0	60	20	3,240
GEORGE MASON UNIVERSITY	1,547	0	0	573	210	0	0	150	10	16	533	55
HAMPTON INSTITUTE	1,729	0	100	50	131	134	0	0	20	934	360	0
J SGT REYNOLDS COM COL	38	0	0	0	0	0	0	0	38	0	0	0
JAMES MADISON UNIVERSITY	52	0	0	0	0	0	0	0	0	0	52	0
LONGWOOD COLLEGE	69	0	0	0	0	0	0	0	0	69	0	0
MARY WASHINGTON COLLEGE	19	0	0	0	0	0	0	0	0	19	0	0
NORFOLK STATE UNIVERSITY	143	0	0	0	0	0	0	35	0	108	0	0
NORTHERN VA COMMUNITY COL	85	0	0	0	85	0	0	0	0	0	0	0
OLD DOMINION UNIVERSITY	4,820	17	0	650	0	155	106	439	0	3,083	370	0
RANDOLPH-MACON COLLEGE	15	0	0	0	0	0	0	0	0	0	15	0
SOUTHSIDE VA CMTY COLLEGE	47	0	0	0	0	0	0	47	0	0	0	0
SWEET BRIAR COLLEGE	27	0	0	0	0	0	0	0	0	0	27	0
UNIVERSITY OF RICHMOND	27	0	0	0	0	0	0	0	0	21	6	0
UNIVERSITY OF VIRGINIA	44,732	70	1,513	3,342	2,030	1,863	294	28,358	80	1,707	5,425	50
VA POLYTECH INST & ST U	23,588	5,247	0	5,286	165	2,002	655	2,628	1,319	2,276	3,647	363
VIRGINIA COMMONWLTH UNIV	31,477	50	0	1,114	877	126	308	28,106	0	396	500	0
VIRGINIA MILITARY INST	108	0	0	0	0	0	0	65	0	14	29	0
VIRGINIA STATE UNIVERSITY	1,906	1,316	0	0	0	19	0	0	0	211	360	0
WASHINGTON & LEE UNIV	47	0	0	0	0	0	0	0	0	0	47	0
WASHINGTON, TOTAL	183,206	7,463	4,318	24,566	2,757	6,997	1,316	103,616	654	4,327	27,033	159
EASTERN WASHINGTON UNIV	231	0	0	0	0	0	0	93	0	138	0	0
EDMONDS COMMUNITY COLLEGE	62	0	0	0	62	0	0	0	0	0	0	0
EVERGREEN STATE COLLEGE	66	0	0	0	0	0	0	0	0	0	66	0
FORT STEILACOOM CMTY COL	156	0	0	0	156	0	0	0	0	0	0	0
GONZAGA UNIVERSITY	168	0	0	0	103	0	0	0	0	25	40	0
HERITAGE COLLEGE	24	0	0	0	0	0	0	24	0	0	0	0
PACIFIC LUTHERAN UNIV	75	0	0	0	0	0	0	65	0	0	10	0
SEATTLE COMMUNITY COLLEGE	537	0	0	0	524	0	0	0	0	0	0	13
SEATTLE UNIVERSITY	10	0	0	10	0	0	0	0	0	0	0	0
UNIVERSITY OF PUGET SOUND	25	0	0	0	0	0	0	0	25	0	0	0
UNIVERSITY OF WASHINGTON	164,891	2,173	4,218	22,985	1,912	6,415	1,091	98,499	456	4,046	23,136	0
WALLA WALLA COLLEGE	25	0	0	0	0	0	0	25	0	0	0	0
WASHINGTON STATE UNIV	16,544	5,150	100	1,571	0	582	168	4,990	155	118	3,604	146
WESTERN WASHINGTON UNIV	392	140	0	0	0	0	57	0	18	0	177	0
WEST VIRGINIA, TOTAL	11,901	2,592	100	664	464	747	351	5,628	565	218	496	76
MARSHALL UNIVERSITY	1,441	0	100	30	0	0	0	1,311	0	0	0	0
WEST VIRGINIA STATE COL	59	0	0	0	59	0	0	0	0	0	0	0
WEST VIRGINIA UNIVERSITY	10,401	2,592	0	634	405	747	351	4,317	565	218	496	76

SEE FOOTNOTES AT END OF TABLE.

TABLE B-20. — FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES FOR RESEARCH AND DEVELOPMENT BY STATE, INSTITUTION, AND AGENCY: FISCAL YEAR 1987

CONTINUED

(DOLLARS IN THOUSANDS)

STATE & INSTITUTION	TOTAL	USDA	CDM	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
WISCONSIN, TOTAL	160,074	9,051	3,019	6,177	3,240	12,665	1,734	92,754	228	7,716	22,441	1,049
ALVERNO COLLEGE	46	0	0	0	46	0	0	0	0	0	0	0
BELOIT COLLEGE	118	0	0	0	0	0	0	0	0	48	70	0
CARDINAL STRITCH COLLEGE	16	0	0	0	0	0	0	16	0	0	0	0
FOX VALLEY TECHNICAL INST	40	0	40	0	0	0	0	0	0	0	0	0
INSTITUTE PAPER CHEMISTRY	70	0	0	0	0	70	0	0	0	0	0	0
LAWRENCE UNIVERSITY	31	0	0	0	0	0	0	31	0	0	0	0
MARQUETTE UNIVERSITY	1,322	105	50	0	0	75	3	428	0	71	590	0
MEDICAL COLLEGE OF WIS	16,195	0	0	0	0	0	8	15,704	0	138	305	0
RIPON COLLEGE	17	0	0	0	0	0	0	0	0	0	17	0
ST NORBERT COLLEGE	12	0	0	0	0	0	0	0	0	12	0	0
UNIV OF WIS-CENTER SYSTEM	131	8	0	0	0	0	0	0	123	0	0	0
UNIV OF WIS-EAU CLAIRE	257	0	0	0	0	0	0	100	0	0	157	0
UNIV OF WIS-GREEN BAY	27	0	0	0	0	0	27	0	0	0	0	0
UNIV OF WIS-MADISON	134,021	8,675	2,829	5,697	226	12,420	709	74,906	0	7,176	20,433	950
UNIV OF WIS-MILWAUKEE	3,134	263	0	440	219	100	15	1,295	0	271	462	69
UNIV OF WIS-OSHKOSH	244	0	0	0	103	0	0	0	0	0	141	0
UNIV OF WIS-PARKSIDE	296	0	0	40	0	0	0	187	0	0	69	0
UNIV OF WIS-RIVER FALLS	84	0	0	0	0	0	0	0	0	0	84	0
UNIV OF WIS-STEVENS POINT	95	0	0	0	0	0	0	19	0	0	76	0
UNIV OF WIS-STOUT	935	0	100	0	835	0	0	0	0	0	0	0
UNIV OF WIS-SUPERIOR	584	0	0	0	0	0	547	0	0	0	37	0
UNIV OF WIS-WHITEWATER	138	0	0	0	70	0	0	68	0	0	0	0
UNIV OF WISCONSIN SYS OFF	2,301	0	0	0	1,741	0	425	0	105	0	0	30
WYOMING, TOTAL	9,444	1,712	0	1,092	191	620	135	885	1,025	512	3,272	0
UNIVERSITY OF WYOMING	9,437	1,712	0	1,092	191	620	135	885	1,018	512	3,272	0
WESTERN WYOMING CMTY COL	7	0	0	0	0	0	0	0	7	0	0	0
GUAM, TOTAL	1,107	896	0	0	0	0	0	72	105	0	34	0
UNIVERSITY OF GUAM	1,107	896	0	0	0	0	0	72	105	0	34	0
PUERTO RICO, TOTAL	12,778	4,179	770	316	385	419	0	4,902	113	217	1,476	1
CARIBE UNIVERSITY	684	0	0	0	0	0	0	684	0	0	0	0
CATHOLIC UNIV OF P R	241	0	0	0	90	0	0	151	0	0	0	0
INTER AM U PR-SAN GERMAN	58	0	0	0	58	0	0	0	0	0	0	0
PONCE SCHOOL OF MEDICINE	250	0	0	0	0	0	0	250	0	0	0	0
U CTRL DEL CARIBE ESC MED	684	0	0	0	0	0	0	684	0	0	0	0
UNIV OF P R-HUMACAO U COL	55	0	21	0	0	0	0	0	0	0	34	0
UNIV OF P R-MAYAGUEZ	5,733	4,179	649	0	36	270	0	88	0	217	294	0
UNIV OF P R-MED SCI CMPUS	2,510	0	0	12	0	0	0	2,194	0	0	304	0
UNIV OF P R-RIO PIEDRAS	943	0	0	304	0	0	0	638	0	0	0	1
UNIV OF P R, SYSTEM OFF	1,383	0	100	0	0	149	0	213	113	0	808	0
UNIV OF THE SACRED HEART	237	0	0	0	201	0	0	0	0	0	36	0
AMERICAN SAMOA, TOTAL	340	340	0	0	0	0	0	0	0	0	0	0
AMERICAN SAMOA CMTY COL	340	340	0	0	0	0	0	0	0	0	0	0
VIRGIN ISLANDS, TOTAL	1,026	824	0	0	0	0	0	0	105	0	97	0
COL OF THE VIRGIN ISLANDS	1,026	824	0	0	0	0	0	0	105	0	97	0
TRUST TERRITORY PAC ISL, TOTAL	580	580	0	0	0	0	0	0	0	0	0	0
CMTY COL OF MICRONESIA	290	290	0	0	0	0	0	0	0	0	0	0
NO MARIANAS COLLEGE	290	290	0	0	0	0	0	0	0	0	0	0

1/ INCLUDES DOT, AID, HUD, LABOR, AND NRC.

SOURCE: NATIONAL SCIENCE FOUNDATION, SRS

TABLE B-21. — FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES FOR R&D PLANT 1/
BY STATE, INSTITUTION, AND AGENCY: FISCAL YEAR 1987

(DOLLARS IN THOUSANDS)

STATE & INSTITUTION	TOTAL	USDA	CDN	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 2/
UNITED STATES, TOTAL	229,875	65,436	113	0	49,213	102,888	0	4,207	0	575	7,443	0
ALABAMA, TOTAL	21,315	7,330	0	0	1,685	12,300	0	0	0	0	0	0
ALABAMA A & M UNIVERSITY	761	761	0	0	0	0	0	0	0	0	0	0
AUBURN UNIVERSITY	453	0	0	0	453	0	0	0	0	0	0	0
THE UNIVERSITY OF ALABAMA	12,708	0	0	0	408	12,300	0	0	0	0	0	0
TUSKEGEE INSTITUTE	6,569	6,569	0	0	0	0	0	0	0	0	0	0
UNIV ALABAMA BIRMINGHAM	500	0	0	0	500	0	0	0	0	0	0	0
UNIV OF NORTH ALABAMA	324	0	0	0	324	0	0	0	0	0	0	0
ALASKA, TOTAL	306	0	0	0	0	0	0	0	0	0	306	0
UNIV OF ALASKA FAIRBANKS	306	0	0	0	0	0	0	0	0	0	306	0
ARIZONA, TOTAL	6,520	0	0	0	1,000	5,000	0	0	0	279	241	0
ARIZONA STATE UNIVERSITY	5,741	0	0	0	500	5,000	0	0	0	0	241	0
NORTHERN ARIZONA UNIV	500	0	0	0	500	0	0	0	0	0	0	0
UNIVERSITY OF ARIZONA	279	0	0	0	0	0	0	0	0	279	0	0
ARKANSAS, TOTAL	632	422	0	0	210	0	0	0	0	0	0	0
UNIV OF ARK FAYETTEVILLE	210	0	0	0	210	0	0	0	0	0	0	0
UNIV OF ARK PINE BLUFF	422	422	0	0	0	0	0	0	0	0	0	0
CALIFORNIA, TOTAL	5,845	0	0	0	140	3,839	0	212	0	0	1,654	0
CAL ST COL SAN BERNARDINO	28	0	0	0	28	0	0	0	0	0	0	0
CALIFORNIA INST OF TECH	160	0	0	0	0	160	0	0	0	0	0	0
CERRITOS COLLEGE	49	0	0	0	49	0	0	0	0	0	0	0
SAN JOSE STATE UNIVERSITY	469	0	0	0	0	0	0	0	0	0	469	0
STANFORD UNIVERSITY	2,792	0	0	0	0	2,792	0	0	0	0	0	0
UNIV OF CAL BERKELEY	150	0	0	0	0	0	0	150	0	0	0	0
UNIV OF CAL DAVIS	227	0	0	0	0	195	0	32	0	0	0	0
UNIV OF CAL IRVINE	150	0	0	0	0	150	0	0	0	0	0	0
UNIV OF CAL LOS ANGELES	310	0	0	0	0	280	0	30	0	0	0	0
UNIV OF CAL RIVERSIDE	50	0	0	0	0	50	0	0	0	0	0	0
UNIV OF CAL SAN DIEGO	1,049	0	0	0	0	0	0	0	0	0	1,049	0
UNIV OF CAL SAN FRANCISCO	140	0	0	0	0	140	0	0	0	0	0	0
UNIV OF CAL SANTA BARBARA	122	0	0	0	0	72	0	0	0	0	50	0
UNIV OF SOUTHERN CAL	86	0	0	0	0	0	0	0	0	0	86	0
UNIVERSITY OF SANTA CLARA	63	0	0	0	63	0	0	0	0	0	0	0
COLORADO, TOTAL	843	0	0	0	500	223	0	0	0	0	120	0
COLORADO STATE UNIVERSITY	120	0	0	0	0	0	0	0	0	0	120	0
UNIVERSITY OF COLORADO	723	0	0	0	500	223	0	0	0	0	0	0
CONNECTICUT, TOTAL	5,506	0	0	0	5,091	415	0	0	0	0	0	0
SACRED HEART UNIVERSITY	91	0	0	0	91	0	0	0	0	0	0	0
UNIVERSITY OF BRIDGEPORT	5,000	0	0	0	5,000	0	0	0	0	0	0	0
YALE UNIVERSITY	415	0	0	0	0	415	0	0	0	0	0	0
DELAWARE, TOTAL	711	333	0	0	203	0	0	0	0	0	175	0
DELAWARE STATE COLLEGE	333	333	0	0	0	0	0	0	0	0	0	0
UNIVERSITY OF DELAWARE	378	0	0	0	203	0	0	0	0	0	175	0
DISTRICT OF COLUMBIA, TOTAL	1,092	0	0	0	1,000	0	0	92	0	0	0	0
AMERICAN UNIVERSITY	500	0	0	0	500	0	0	0	0	0	0	0
GEORGETOWN UNIVERSITY	592	0	0	0	500	0	0	92	0	0	0	0
FLORIDA, TOTAL	1,861	226	0	0	1,000	0	0	0	0	0	635	0
FLORIDA A & M UNIVERSITY	226	226	0	0	0	0	0	0	0	0	0	0
FLORIDA INTERNATIONAL U	500	0	0	0	500	0	0	0	0	0	0	0
UNIV OF SOUTH FLORIDA	35	0	0	0	0	0	0	0	0	0	35	0
UNIVERSITY OF MIAMI	1,100	0	0	0	500	0	0	0	0	0	600	0
GEORGIA, TOTAL	9,425	666	0	0	839	7,920	0	0	0	0	0	0
ATLANTA UNIVERSITY	7,500	0	0	0	0	7,500	0	0	0	0	0	0
FORT VALLEY STATE COLLEGE	666	666	0	0	0	0	0	0	0	0	0	0
GEORGIA STATE UNIVERSITY	500	0	0	0	500	0	0	0	0	0	0	0
MORRIS BROWN COLLEGE	339	0	0	0	339	0	0	0	0	0	0	0
UNIVERSITY OF GEORGIA	420	0	0	0	0	420	0	0	0	0	0	0
HAWAII, TOTAL	735	0	0	0	402	0	0	0	0	0	333	0
UNIV OF HAWAII-MANOA	735	0	0	0	402	0	0	0	0	0	333	0
ILLINOIS, TOTAL	27,835	26,190	0	0	1,254	212	0	179	0	0	0	0
EASTERN ILLINOIS UNIV	117	0	0	0	117	0	0	0	0	0	0	0
NORTHERN ILLINOIS UNIV	57	0	0	0	57	0	0	0	0	0	0	0
UNIV OF ILL CHICAGO	500	0	0	0	500	0	0	0	0	0	0	0

SEE FOOTNOTES AT END OF TABLE.

TABLE B-21. — FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES FOR R&D PLANT 1/
BY STATE, INSTITUTION, AND AGENCY: FISCAL YEAR 1987

CONTINUED

(DOLLARS IN THOUSANDS)

STATE & INSTITUTION	TOTAL	USDA	CON	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 2/
ILLINOIS, CONT'D												
UNIV OF ILL URBANA	26,402	26,190	0	0	0	212	0	0	0	0	0	0
UNIV OF ILLINOIS SYS OFF	500	0	0	0	500	0	0	0	0	0	0	0
UNIVERSITY OF CHICAGO	179	0	0	0	0	0	0	179	0	0	0	0
WESTERN ILLINOIS UNIV	80	0	0	0	80	0	0	0	0	0	0	0
INDIANA, TOTAL	7,181	0	0	0	6,242	380	0	120	0	0	439	0
INDIANA UNIVERSITY	5,792	0	0	0	5,742	50	0	0	0	0	0	0
PURDUE UNIVERSITY	1,089	0	0	0	500	30	0	120	0	0	439	0
UNIVERSITY OF NOTRE DAME	300	0	0	0	0	300	0	0	0	0	0	0
IOWA, TOTAL	6,048	48	0	0	0	6,000	0	0	0	0	0	0
IOWA ST U OF SCI & TECH	6,048	48	0	0	0	6,000	0	0	0	0	0	0
KANSAS, TOTAL	2,191	0	0	0	991	1,200	0	0	0	0	0	0
KANS ST U - AG & APP SCI	1,575	0	0	0	375	1,200	0	0	0	0	0	0
LABETTE COMMUNITY COLLEGE	116	0	0	0	116	0	0	0	0	0	0	0
WICHITA STATE UNIVERSITY	500	0	0	0	500	0	0	0	0	0	0	0
KENTUCKY, TOTAL	918	272	0	0	425	0	0	221	0	0	0	0
KENTUCKY STATE UNIVERSITY	272	272	0	0	0	0	0	0	0	0	0	0
UNIVERSITY OF KENTUCKY	481	0	0	0	260	0	0	221	0	0	0	0
UNIVERSITY OF LOUISVILLE	165	0	0	0	165	0	0	0	0	0	0	0
LOUISIANA, TOTAL	1,475	412	0	0	1,063	0	0	0	0	0	0	0
LOUISIANA STATE UNIV	563	0	0	0	563	0	0	0	0	0	0	0
SOUTHERN U & A&M COLLEGE	412	412	0	0	0	0	0	0	0	0	0	0
XAVIER UNIVERSITY OF LA	500	0	0	0	500	0	0	0	0	0	0	0
MAINE, TOTAL	613	0	0	0	613	0	0	0	0	0	0	0
UNIV OF MAINE ORONO	393	0	0	0	393	0	0	0	0	0	0	0
UNIVERSITY OF NEW ENGLAND	220	0	0	0	220	0	0	0	0	0	0	0
MARYLAND, TOTAL	1,746	221	113	0	235	470	0	571	0	0	136	0
JOHNS HOPKINS UNIVERSITY	707	0	0	0	0	0	0	571	0	0	136	0
U OF MD BALTIMORE COUNTY	235	0	0	0	235	0	0	0	0	0	0	0
U OF MD EASTERN SHORE	221	221	0	0	0	0	0	0	0	0	0	0
UNIV OF MD COLLEGE PARK	583	0	113	0	0	470	0	0	0	0	0	0
MASSACHUSETTS, TOTAL	14,261	0	0	0	5,177	8,205	0	0	0	0	879	0
BOSTON UNIVERSITY	190	0	0	0	0	190	0	0	0	0	0	0
BRADFORD COLLEGE	261	0	0	0	261	0	0	0	0	0	0	0
EMMANUEL COLLEGE	500	0	0	0	500	0	0	0	0	0	0	0
HARVARD UNIVERSITY	265	0	0	0	0	265	0	0	0	0	0	0
MASS INST OF TECHNOLOGY	7,750	0	0	0	0	7,750	0	0	0	0	0	0
NORTHEASTERN UNIVERSITY	91	0	0	0	91	0	0	0	0	0	0	0
STONEHILL COLLEGE	4,000	0	0	0	4,000	0	0	0	0	0	0	0
TUFTS UNIVERSITY	276	0	0	0	276	0	0	0	0	0	0	0
UNIVERSITY OF MASSACHUSET	49	0	0	0	49	0	0	0	0	0	0	0
WOODS HOLE OCNGRPHIC INST	879	0	0	0	0	0	0	0	0	0	879	0
MICHIGAN, TOTAL	1,655	0	0	0	1,000	574	0	66	0	0	15	0
EASTERN MICHIGAN UNIV	500	0	0	0	500	0	0	0	0	0	0	0
MICHIGAN STATE UNIVERSITY	721	0	0	0	500	221	0	0	0	0	0	0
OAKLAND UNIVERSITY	66	0	0	0	0	0	0	66	0	0	0	0
UNIVERSITY OF MICHIGAN	368	0	0	0	0	353	0	0	0	0	15	0
MINNESOTA, TOTAL	107	0	0	0	0	0	0	107	0	0	0	0
UNIVERSITY OF MINNESOTA	107	0	0	0	0	0	0	107	0	0	0	0
MISSISSIPPI, TOTAL	19,754	19,468	0	0	286	0	0	0	0	0	0	0
ALCORN STATE UNIVERSITY	359	359	0	0	0	0	0	0	0	0	0	0
UNIV OF STHRN MISSISSIPPI	9,986	9,700	0	0	286	0	0	0	0	0	0	0
UNIVERSITY OF MISSISSIPPI	9,409	9,409	0	0	0	0	0	0	0	0	0	0
MISSOURI, TOTAL	1,611	519	0	0	500	0	0	592	0	0	0	0
LINCOLN UNIVERSITY (MO)	519	519	0	0	0	0	0	0	0	0	0	0
ST LOUIS UNIVERSITY	98	0	0	0	0	0	0	98	0	0	0	0
UNIV OF MISSOURI ST LOUIS	500	0	0	0	500	0	0	0	0	0	0	0
WASHINGTON UNIVERSITY	494	0	0	0	0	0	0	494	0	0	0	0
MONTANA, TOTAL	460	0	0	0	460	0	0	0	0	0	0	0
MONTANA STATE UNIVERSITY	460	0	0	0	460	0	0	0	0	0	0	0

SEE FOOTNOTES AT END OF TABLE.

TABLE B-21. — FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES FOR R&D PLANT 1/
BY STATE, INSTITUTION, AND AGENCY: FISCAL YEAR 1987

CONTINUED

(DOLLARS IN THOUSANDS)

STATE & INSTITUTION	TOTAL	USDA	CON	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 2/
NEBRASKA, TOTAL	1,093	0	0	0	676	0	0	417	0	0	0	0
U OF NEB MED CTR AT OMAHA	417	0	0	0	0	0	0	417	0	0	0	0
UNIV OF NEBRASKA AT OMAHA	176	0	0	0	176	0	0	0	0	0	0	0
UNIV OF NEBRASKA-LINCOLN	500	0	0	0	500	0	0	0	0	0	0	0
NEVADA, TOTAL	510	0	0	0	421	89	0	0	0	0	0	0
TRUCKEE MEADOWS CMTY COL	173	0	0	0	173	0	0	0	0	0	0	0
UNIV OF NEVADA - RENO	89	0	0	0	0	89	0	0	0	0	0	0
UNIV OF NEVADA LAS VEGAS	248	0	0	0	248	0	0	0	0	0	0	0
NEW JERSEY, TOTAL	3,834	0	0	0	500	3,334	0	0	0	0	0	0
PRINCETON UNIVERSITY	334	0	0	0	0	334	0	0	0	0	0	0
RUTGERS THE ST UNIV OF NJ	500	0	0	0	500	0	0	0	0	0	0	0
UNIV OF MED & DENT OF N J	3,000	0	0	0	0	3,000	0	0	0	0	0	0
NEW MEXICO, TOTAL	75	0	0	0	75	0	0	0	0	0	0	0
UNIVERSITY OF NEW MEXICO	75	0	0	0	75	0	0	0	0	0	0	0
NEW YORK, TOTAL	8,590	0	0	0	2,267	5,815	0	133	0	0	375	0
COLUMBIA UNIV MAIN DIV	4,375	0	0	0	0	4,000	0	0	0	0	375	0
CUNY NY CITY TECH COL	96	0	0	0	96	0	0	0	0	0	0	0
HOFSTRA UNIVERSITY	40	0	0	0	40	0	0	0	0	0	0	0
MARIST COLLEGE	500	0	0	0	500	0	0	0	0	0	0	0
POLYTECHNIC INST OF N Y	284	0	0	0	284	0	0	0	0	0	0	0
SUNY AG & TECH COBLESKILL	500	0	0	0	500	0	0	0	0	0	0	0
SUNY AT ALBANY	344	0	0	0	344	0	0	0	0	0	0	0
SUNY AT BINGHAMTON	171	0	0	0	171	0	0	0	0	0	0	0
SUNY AT BUFFALO	191	0	0	0	191	0	0	0	0	0	0	0
SUNY AT STONY BROOK	480	0	0	0	0	480	0	0	0	0	0	0
SUNY COLLEGE BROCKPORT	75	0	0	0	75	0	0	0	0	0	0	0
SUNY COLLEGE BUFFALO	66	0	0	0	66	0	0	0	0	0	0	0
SUNY ST COL OF OPTOMETRY	25	0	0	0	0	0	0	25	0	0	0	0
SYRACUSE UNIVERSITY	108	0	0	0	0	0	0	108	0	0	0	0
UNIVERSITY OF ROCHESTER	1,335	0	0	0	0	1,335	0	0	0	0	0	0
NORTH CAROLINA, TOTAL	3,036	761	0	0	1,373	500	0	155	0	0	247	0
BELMONT ABBEY COLLEGE	384	0	0	0	384	0	0	0	0	0	0	0
DUKE UNIVERSITY	902	0	0	0	0	500	0	155	0	0	247	0
N C STATE UNIV AT RALEIGH	496	0	0	0	496	0	0	0	0	0	0	0
NC AG & TECH STATE UNIV	761	761	0	0	0	0	0	0	0	0	0	0
UNIV OF N C AT ASHEVILLE	260	0	0	0	260	0	0	0	0	0	0	0
UNIV OF N C AT CHARLOTTE	233	0	0	0	233	0	0	0	0	0	0	0
NORTH DAKOTA, TOTAL	52	0	0	0	52	0	0	0	0	0	0	0
NORTH DAKOTA STATE UNIV	52	0	0	0	52	0	0	0	0	0	0	0
OHIO, TOTAL	1,425	0	0	0	1,290	70	0	65	0	0	0	0
BOWLING GREEN STATE UNIV	254	0	0	0	254	0	0	0	0	0	0	0
LOURDES COLLEGE	300	0	0	0	300	0	0	0	0	0	0	0
OHIO STATE UNIVERSITY	70	0	0	0	0	70	0	0	0	0	0	0
UNIVERSITY OF AKRON	250	0	0	0	250	0	0	0	0	0	0	0
UNIVERSITY OF CINCINNATI	477	0	0	0	412	0	0	65	0	0	0	0
UNIVERSITY OF TOLEDO	74	0	0	0	74	0	0	0	0	0	0	0
OKLAHOMA, TOTAL	1,118	291	0	0	827	0	0	0	0	0	0	0
LANGSTON UNIVERSITY	291	291	0	0	0	0	0	0	0	0	0	0
OKLAHOMA STATE UNIVERSITY	327	0	0	0	327	0	0	0	0	0	0	0
UNIVERSITY OF OKLAHOMA	500	0	0	0	500	0	0	0	0	0	0	0
OREGON, TOTAL	25,276	873	0	0	1,000	22,900	0	0	0	0	503	0
OREGON STATE UNIVERSITY	1,376	873	0	0	0	0	0	0	0	0	503	0
ROGUE COMMUNITY COLLEGE	500	0	0	0	500	0	0	0	0	0	0	0
UNIVERSITY OF OREGON MAIN	23,400	0	0	0	500	22,900	0	0	0	0	0	0
PENNSYLVANIA, TOTAL	3,879	1,746	0	0	1,462	329	0	46	0	296	0	0
CARNEGIE-MELLON UNIV	90	0	0	0	0	90	0	0	0	0	0	0
CMTY COL ALLEGHENY COUNTY	328	0	0	0	328	0	0	0	0	0	0	0
DREXEL UNIVERSITY	45	0	0	0	0	45	0	0	0	0	0	0
MUHLENBERG COLLEGE	384	0	0	0	384	0	0	0	0	0	0	0
PENNSYLVANIA STATE UNIV	2,323	1,746	0	0	577	0	0	0	0	0	0	0
ST FRANCIS COLLEGE	173	0	0	0	173	0	0	0	0	0	0	0
UNIV OF PENNSYLVANIA	240	0	0	0	0	194	0	46	0	0	0	0
UNIVERSITY OF PITTSBURGH	296	0	0	0	0	0	0	0	0	296	0	0

SEE FOOTNOTES AT END OF TABLE.

TABLE B-21. — FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES FOR R&D PLANT 1/
BY STATE, INSTITUTION, AND AGENCY: FISCAL YEAR 1987

CONTINUED

(DOLLARS IN THOUSANDS)

STATE & INSTITUTION	TOTAL	USDA	CON	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 2/
RHODE ISLAND, TOTAL	5,832	0	0	0	299	5,120	0	0	0	0	413	0
BROWN UNIVERSITY	5,120	0	0	0	0	5,120	0	0	0	0	0	0
ROGER WILLIAMS COLLEGE	299	0	0	0	299	0	0	0	0	0	0	0
UNIV OF RHODE ISLAND	413	0	0	0	0	0	0	0	0	0	413	0
SOUTH CAROLINA, TOTAL	16,972	237	0	0	275	16,460	0	0	0	0	0	0
SOUTH CAROLINA ST COLLEGE	237	237	0	0	0	0	0	0	0	0	0	0
UNIV OF SOUTH CAROLINA	16,735	0	0	0	275	16,460	0	0	0	0	0	0
TENNESSEE, TOTAL	982	494	0	0	488	0	0	0	0	0	0	0
TENNESSEE STATE UNIV	494	494	0	0	0	0	0	0	0	0	0	0
U TENNESSEE KNOXVILLE	488	0	0	0	488	0	0	0	0	0	0	0
TEXAS, TOTAL	4,714	1,331	0	0	2,480	340	0	248	0	0	315	0
NORTH TEXAS STATE UNIV	500	0	0	0	500	0	0	0	0	0	0	0
PRAIRIE VIEW A & M UNIV	1,331	1,331	0	0	0	0	0	0	0	0	0	0
TEXAS A & M UNIVERSITY	797	0	0	0	412	70	0	0	0	0	315	0
U OF HOUSTON UNIV PARK	264	0	0	0	264	0	0	0	0	0	0	0
U OF TEXAS AT SAN ANTONIO	250	0	0	0	250	0	0	0	0	0	0	0
U TEX HLTH SCI CTR DALLAS	248	0	0	0	0	0	0	248	0	0	0	0
UNIV OF TEX AT ARLINGTON	500	0	0	0	500	0	0	0	0	0	0	0
UNIV OF TEXAS AT AUSTIN	270	0	0	0	0	270	0	0	0	0	0	0
UNIV OF TEXAS AT DALLAS	434	0	0	0	434	0	0	0	0	0	0	0
UNIV OF TEXAS AT EL PASO	120	0	0	0	120	0	0	0	0	0	0	0
UTAH, TOTAL	970	0	0	0	825	85	0	60	0	0	0	0
COLLEGE OF EASTERN UTAH	300	0	0	0	300	0	0	0	0	0	0	0
DIXIE COLLEGE	253	0	0	0	253	0	0	0	0	0	0	0
UNIVERSITY OF UTAH	417	0	0	0	272	85	0	60	0	0	0	0
VERMONT, TOTAL	1,045	873	0	0	0	0	0	172	0	0	0	0
UNIV OF VT & ST AGRIC COL	1,045	873	0	0	0	0	0	172	0	0	0	0
VIRGINIA, TOTAL	1,459	783	0	0	425	0	0	251	0	0	0	0
ST PAUL'S COL (VA)	425	0	0	0	425	0	0	0	0	0	0	0
UNIVERSITY OF VIRGINIA	251	0	0	0	0	0	0	251	0	0	0	0
VA POLYTECH INST & ST U	291	291	0	0	0	0	0	0	0	0	0	0
VIRGINIA STATE UNIVERSITY	492	492	0	0	0	0	0	0	0	0	0	0
WASHINGTON, TOTAL	2,597	1,940	0	0	0	0	0	0	0	0	657	0
UNIVERSITY OF WASHINGTON	657	0	0	0	0	0	0	0	0	0	657	0
WASHINGTON STATE UNIV	1,940	1,940	0	0	0	0	0	0	0	0	0	0
WEST VIRGINIA, TOTAL	879	0	0	0	879	0	0	0	0	0	0	0
CONCORD COLLEGE	500	0	0	0	500	0	0	0	0	0	0	0
WHEELING COLLEGE	379	0	0	0	379	0	0	0	0	0	0	0
WISCONSIN, TOTAL	3,100	0	0	0	1,492	1,108	0	500	0	0	0	0
ST NORBERT COLLEGE	496	0	0	0	496	0	0	0	0	0	0	0
UNIV OF WIS-MADISON	1,608	0	0	0	0	1,108	0	500	0	0	0	0
UNIV OF WIS-MILWAUKEE	500	0	0	0	500	0	0	0	0	0	0	0
UNIV OF WISCONSIN SYS OFF	496	0	0	0	496	0	0	0	0	0	0	0
GUAM, TOTAL	1,000	0	0	0	1,000	0	0	0	0	0	0	0
GUAM COMMUNITY COLLEGE	500	0	0	0	500	0	0	0	0	0	0	0
UNIVERSITY OF GUAM	500	0	0	0	500	0	0	0	0	0	0	0
PUERTO RICO, TOTAL	791	0	0	0	791	0	0	0	0	0	0	0
ANTILLIAN COLLEGE	121	0	0	0	121	0	0	0	0	0	0	0
POLYTECH UNIV OF P R	500	0	0	0	500	0	0	0	0	0	0	0
UN OF PR ARECIBO TECH UN	50	0	0	0	50	0	0	0	0	0	0	0
UNIV OF P R-RIO PIEDRAS	88	0	0	0	88	0	0	0	0	0	0	0
UNIV OF THE SACRED HEART	32	0	0	0	32	0	0	0	0	0	0	0

1/ SEE TECHNICAL NOTES, SCOPE OF SURVEY.

2/ INCLUDES DOT, AID, HUD, LABOR, AND NRC.

SOURCE: NATIONAL SCIENCE FOUNDATION, SRS

TABLE B-22. — FEDERAL OBLIGATIONS TO PUBLIC UNIVERSITIES AND COLLEGES FOR RESEARCH AND DEVELOPMENT BY HIGHEST DEGREE GRANTED AND AGENCY: FISCAL YEAR 1987

(DOLLARS IN THOUSANDS)

DOCTORATE-GRANTING INSTITUTIONS	TOTAL	USDA	COM	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
ARIZONA STATE UNIVERSITY	14,201	79	0	2,555	140	1,277	0	2,905	0	1,801	5,395	49
AUBURN UNIVERSITY	12,694	4,099	98	5,640	39	505	575	482	160	528	516	52
BALL STATE UNIVERSITY	200	0	0	0	0	0	0	100	0	0	100	0
BOWLING GREEN STATE UNIV	930	0	14	30	178	0	15	444	0	0	229	0
CENTRAL MICHIGAN UNIV	92	0	0	0	24	0	0	68	0	0	0	0
CLEMSON UNIVERSITY	8,591	4,453	144	1,448	138	125	238	714	129	334	868	0
CLEVELAND STATE UNIV	2,118	0	100	0	45	0	0	363	0	1,610	0	0
COLLEGE OF WILLIAM & MARY	3,028	0	166	0	39	178	55	0	0	894	1,696	0
COLORADO SCHOOL OF MINES	4,115	64	32	2,256	0	732	329	0	196	0	506	0
COLORADO STATE UNIVERSITY	31,492	3,935	1,810	4,707	378	1,388	496	9,270	552	1,137	7,334	485
CUNY CENTRAL SYS OFF	2,178	0	0	0	1,487	297	0	0	0	120	274	0
CUNY CITY COLLEGE	7,103	0	0	1,266	0	1,513	0	1,987	0	231	2,104	0
CUNY GRAD SCH & UNIV CTR	1,418	0	0	0	0	0	0	1,304	0	0	105	9
CUNY HUNTER COLLEGE	3,911	0	0	0	0	0	0	2,903	0	358	650	0
CUNY LEHMAN COLLEGE	318	0	0	0	0	0	0	0	0	0	318	0
DESERT RESEARCH INSTITUTE	2,421	0	1,244	0	0	31	347	0	168	20	611	0
EAST CAROLINA UNIVERSITY	2,374	0	0	220	0	0	213	1,764	0	63	114	0
EAST TENNESSEE STATE UNIV	762	0	0	0	0	0	0	512	0	0	250	0
FLORIDA A & M UNIVERSITY	2,526	947	0	152	65	182	0	1,065	0	94	21	0
FLORIDA ATLANTIC UNIV	1,034	0	0	334	52	0	0	239	0	176	233	0
FLORIDA STATE UNIVERSITY	25,680	14	544	2,598	172	12,500	670	3,094	0	878	4,424	784
GEORGE MASON UNIVERSITY	1,547	0	0	573	210	0	0	150	10	16	533	55
GEORGIA INSTITUTE OF TECH	45,187	0	189	33,247	105	1,214	225	2,859	338	2,368	4,383	259
GEORGIA STATE UNIVERSITY	1,768	0	0	204	0	45	0	748	0	40	683	48
IDAHO STATE UNIVERSITY	117	0	0	0	0	15	0	0	0	0	102	0
ILLINOIS STATE UNIVERSITY	1,064	0	0	0	13	0	0	564	0	0	487	0
INDIANA STATE UNIVERSITY	241	0	0	0	0	0	0	229	0	0	12	0
INDIANA UNIV OF PENN	222	0	0	0	84	0	0	0	0	35	103	0
INDIANA UNIVERSITY	50,005	201	0	2,053	0	6,123	468	27,815	139	402	12,804	0
IOWA ST U OF SCI & TECH	17,459	8,695	361	680	488	744	225	2,909	138	492	2,442	285
KANS ST U - AG & APP SCI	12,052	4,663	0	843	252	1,320	330	2,413	105	187	1,791	148
KENT STATE UNIVERSITY	1,757	0	0	330	77	122	0	335	0	15	878	0
LA ST UNIV SYSTEM OFFICE	811	0	0	0	0	0	0	334	414	0	63	0
LOUISIANA STATE UNIV	36,581	3,851	2,161	2,670	295	1,434	710	21,817	138	470	2,985	5
LOUISIANA TECH UNIVERSITY	813	113	38	70	500	0	0	0	0	25	67	0
MARSHALL UNIVERSITY	1,441	0	100	30	0	0	0	1,311	0	0	0	0
MED COL OF OHIO AT TOLEDO	4,521	0	0	80	0	0	119	4,322	0	0	566	0
MED UNIV OF SO CAROLINA	10,848	0	0	0	0	0	0	10,282	0	0	0	0
MEDICAL COL OF GEORGIA	8,527	0	0	270	0	0	0	8,257	0	0	219	23
MEMPHIS STATE UNIVERSITY	1,163	0	80	0	8	0	0	571	48	0	514	
MIAMI UNIVERSITY (OHIO)	1,568	0	0	0	149	12	52	547	0	274	14,767	4,91
MICHIGAN STATE UNIVERSITY	48,897	7,857	144	1,732	337	2,580	754	15,367	105	340	982	
MICHIGAN TECH UNIVERSITY	4,632	623	0	1,997	0	478	95	87	154	216	62	6
MISSISSIPPI STATE UNIV	16,900	6,454	0	6,607	663	1,976	105	704	0	264	1,763	
MONTANA STATE UNIVERSITY	6,715	2,098	150	270	0	129	699	1,223	358	25	0	
MONTANA U SYS-SYSTEM OFF	15	0	0	0	0	0	0	0	15	0	4,184	2,02
N C STATE UNIV AT RALEIGH	30,195	8,738	1,385	6,469	0	1,318	1,013	3,061	369	1,631	158	
N J INST OF TECHNOLOGY	158	0	0	0	0	0	0	0	0	0	604	
N MEX INST MINING & TECH	4,347	0	0	3,080	0	458	0	0	138	67	0	
NE OHIO UNIVS MED SCHOOL	696	0	0	30	0	0	170	496	0	0	1,233	
NEW MEXICO STATE UNIV	25,072	2,422	0	14,276	0	386	170	777	155	5,653	305	
NORTH DAKOTA STATE UNIV	4,754	3,243	85	400	0	0	0	368	265	0	157	
NORTH TEXAS STATE UNIV	1,172	0	0	600	44	0	0	371	0	0	0	
NORTHEAST LOUISIANA UNIV	10	0	0	0	0	0	0	0	0	10	0	
NORTHERN ARIZONA UNIV	1,793	214	0	0	581	0	0	32	68	142	756	
NORTHERN ILLINOIS UNIV	2,266	0	0	0	309	50	0	879	0	0	1,028	
OAKLAND UNIVERSITY	2,709	0	0	0	0	0	0	2,494	0	0	215	
OHIO STATE UNIVERSITY	64,573	7,025	661	9,130	18	2,847	511	24,057	303	2,924	8,761	8,3
OHIO UNIVERSITY	2,120	0	35	106	245	367	0	560	0	338	409	
OKLA COL OSTEO MED & SURG	49	0	0	0	0	0	0	49	0	0	0	
OKLAHOMA STATE UNIVERSITY	11,383	3,862	250	3,710	402	328	286	445	105	35	1,880	
OLD DOMINION UNIVERSITY	4,820	17	0	650	0	155	106	439	0	3,083	370	
OREGON HLTH SCIENCES UNIV	17,884	0	0	80	0	0	0	17,707	0	95	2	
OREGON STATE UNIVERSITY	40,059	8,306	3,168	6,049	103	624	2,115	7,047	1,573	647	8,977	1,4
PENNSYLVANIA STATE UNIV	94,615	7,071	560	40,862	204	2,700	655	23,849	3,557	3,970	10,601	
PORTLAND STATE UNIVERSITY	1,910	165	0	50	646	0	187	136	0	144	537	
PURDUE UNIVERSITY	46,332	5,727	105	9,992	187	4,245	242	15,643	243	1,662	8,281	
RUTGERS THE ST UNIV OF NJ	25,730	3,630	120	2,109	316	268	342	10,218	438	63	8,101	
S DAK SCH MINES & TECH	1,440	0	0	0	0	100	158	0	138	297	747	
SAN DIEGO STATE UNIV	8,063	20	48	1,927	70	1,333	0	2,534	16	271	1,844	
SOUTH DAKOTA STATE UNIV	2,631	2,367	0	0	90	0	0	69	105	0	0	
SOUTHERN ILL U-CARBONDALE	6,647	87	0	875	267	1,518	0	3,121	146	61	572	
STATE UNIV SYS OF FLA OFF	337	150	0	0	0	187	0	0	0	0	0	
STEPHEN F AUSTIN ST UNIV	206	206	0	0	0	0	0	0	0	0	0	
SUNY AT ALBANY	16,326	117	0	3,472	168	377	2,757	5,905	0	615	2,885	
SUNY AT BINGHAMTON	1,506	0	0	70	0	28	0	803	0	59	546	
SUNY AT BUFFALO	27,255	0	0	1,955	174	994	0	19,630	0	407	4,095	
SUNY AT STONY BROOK	38,014	0	0	1,059	0	2,901	0	20,864	47	923	12,220	
SUNY COL OF ENV SCI & FOR	556	243	0	0	0	0	0	104	0	0	209	
SUNY DOWNSTATE MED CTR	7,775	0	0	0	0	0	0	7,578	0	52	145	
SUNY ST COL OF OPTOMETRY	257	0	0	0	0	0	0	257	0	0	0	
SUNY SYSTEM OFFICE	2,720	165	2,173	0	0	0	0	0	148	0	234	
SUNY UPSTATE MEDICAL CTR	8,352	0	0	0	294	0	0	7,787	0	0	271	
TEMPLE UNIVERSITY	21,361	100	0	249	925	469	50	17,939	0	0	1,629	
TENN TECHNOLOGICAL UNIV	290	0	0	0	0	102	0	54	5	0	129	
TEXAS A & M UNIV SYS OFF	414	0	0	0	0	0	0	54	0	210	0	
TEXAS A & M UNIVERSITY	38,642	9,449	2,471	6,336	10	3,643	667	6,503	119	2,199	6,629	
TEXAS TECH UNIVERSITY	7,295	204	0	1,919	0	218	622	3,305	0	31	996	
TEXAS WOMAN'S UNIVERSITY	336	0	0	0	0	0	0	336	0	0	0	

SEE FOOTNOTES AT END OF TABLE.

TABLE B-22. — FEDERAL OBLIGATIONS TO PUBLIC UNIVERSITIES AND COLLEGES FOR RESEARCH AND DEVELOPMENT BY HIGHEST DEGREE GRANTED AND AGENCY: FISCAL YEAR 1987

CONTINUED

(DOLLARS IN THOUSANDS)

DOCTORATE-GRANTING INSTITUTIONS	TOTAL	USDA	COM	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
THE UNIVERSITY OF ALABAMA	3,616	0	0	437	142	617	298	1,168	266	82	606	0
U NEB CTRL ADMIN SYS OFF	510	0	335	0	0	0	0	0	175	0	0	0
U OF ARKANSAS MED SCI CAN	4,668	0	0	0	0	0	0	4,309	0	0	359	0
U OF CAL SYS WIDE PROMS	463	0	239	0	0	0	0	0	224	0	0	0
U OF HOUSTON SYS OFF	616	0	0	0	0	616	0	0	0	0	0	0
U OF HOUSTON UNIV PARK	10,024	76	50	1,201	133	170	252	3,479	0	1,200	3,389	74
U OF MD BALTIMORE COUNTY	2,111	0	0	0	66	0	0	1,678	0	160	207	0
U OF MD CENTER FOR EES	74	0	0	0	0	74	0	0	0	0	0	0
U OF NEB MED CTR AT OMAHA	7,557	0	0	0	0	0	0	7,537	0	20	0	0
U OF NEV SYS ADM SYS OFF	781	0	0	0	0	0	0	0	231	0	550	0
U OF S D SYSTEM OFFICE	176	0	0	0	52	0	0	0	124	0	0	0
U TENNESSEE KNOXVILLE	18,517	4,572	0	3,012	686	2,058	451	4,240	10	858	2,546	84
U TEX HLTH SCI CTR DALLAS	45,994	0	0	0	0	0	0	44,332	0	825	337	0
U TEX HLTH SCI CTR HOUSTN	28,148	0	0	330	0	0	48	26,589	0	1,181	0	0
U TEX HLTH SCI CTR S ANTO	26,725	0	0	910	0	0	0	25,369	0	49	397	0
U TEX MED BRNCH GALVESTON	20,202	111	0	790	0	0	102	18,517	0	469	213	0
U TEXAS SYSTEM CANCER CTR	26,134	0	0	0	0	220	0	25,648	0	0	266	0
UNIV ALABAMA BIRMINGHAM	62,240	330	10	1,520	1,062	0	0	56,710	0	1,603	1,005	0
UNIV ALABAMA HUNTSVILLE	10,029	0	0	3,660	0	0	0	71	0	6,044	252	0
UNIV OF ALABAMA SYS OFF	105	0	26	0	0	0	0	28	51	0	0	0
UNIV OF ALASKA FAIRBANKS	12,785	94	2,173	942	89	413	0	156	143	3,287	5,488	0
UNIV OF ALASKA SYSTEM OFF	1,533	1,034	0	0	0	185	0	179	135	0	0	0
UNIV OF ARK FAYETTEVILLE	8,926	3,757	0	240	928	390	238	653	342	101	894	1,383
UNIV OF CAL BERKELEY	96,748	7,303	61	12,310	471	3,428	471	34,335	414	13,250	24,304	401
UNIV OF CAL DAVIS	50,289	3,509	0	1,616	682	4,213	181	28,121	1,259	1,231	6,794	2,683
UNIV OF CAL IRVINE	39,384	126	0	5,662	346	3,128	252	20,922	0	1,212	7,736	0
UNIV OF CAL LOS ANGELES	147,795	136	0	12,922	185	13,891	872	98,361	126	5,449	15,453	400
UNIV OF CAL RIVERSIDE	12,071	804	0	181	155	1,682	536	4,779	62	257	3,615	0
UNIV OF CAL SAN DIEGO	151,768	150	5,942	23,672	191	3,015	72	68,452	552	9,644	40,078	0
UNIV OF CAL SAN FRANCISCO	124,811	410	0	1,229	751	2,835	107	117,345	0	773	1,361	0
UNIV OF CAL SANTA BARBARA	27,322	3	0	8,923	642	2,720	708	3,661	116	1,428	8,498	623
UNIV OF CAL SANTA CRUZ	10,286	0	0	844	161	1,349	0	2,248	57	510	5,117	0
UNIV OF CENTRAL FLORIDA	3,816	0	0	2,649	0	318	95	0	0	236	518	0
UNIV OF HAWAII SYS OFF	10,404	793	8,564	0	0	100	0	85	757	0	105	0
UNIV OF HAWAII-MANOA	29,154	3,102	854	1,552	1,043	1,236	25	6,458	0	4,615	8,704	1,565
UNIV OF ILL CHICAGO	32,490	0	0	4,102	712	729	81	26,323	0	340	148	55
UNIV OF ILL URBANA	96,761	7,322	547	17,081	65	11,345	1,562	17,704	355	2,525	35,226	3,029
UNIV OF ILLINOIS SYS OFF	6,962	126	796	0	1,991	0	0	0	105	0	3,944	0
UNIV OF MAINE ORONO	4,966	2,611	20	269	0	0	781	400	20	0	865	0
UNIV OF MAINE SYSTEM OFF	283	0	0	0	0	0	0	0	283	0	0	0
UNIV OF MARYLAND SYS OFF	4,095	652	2,418	0	0	0	0	6	554	0	5	420
UNIV OF MASS SYSTEM OFF	333	148	80	0	0	0	0	0	105	0	0	0
UNIV OF MD BALT PROF SCH	28,278	0	0	2,035	0	0	75	25,601	0	0	567	0
UNIV OF MD COLLEGE PARK	48,728	2,510	845	13,484	952	4,994	845	3,745	61	7,875	12,522	895
UNIV OF MED & DENT OF N J	20,666	0	0	0	0	0	394	19,847	0	0	425	0
UNIV OF MISSOURI COLUMBIA	22,035	6,325	0	507	0	498	170	9,639	23	0	2,120	2,753
UNIV OF MISSOURI KAN CITY	1,684	51	0	377	0	96	80	1,001	0	0	79	0
UNIV OF MISSOURI ROLLA	2,602	0	0	260	0	319	0	30	920	271	802	0
UNIV OF MISSOURI ST LOUIS	854	0	0	81	0	0	0	213	0	29	531	0
UNIV OF MISSOURI SYS OFF	1,019	0	402	0	243	0	0	30	344	0	0	0
UNIV OF N C AT GREENSBORO	428	0	0	0	129	0	0	197	0	0	102	0
UNIV OF N C SYS OFF	1,851	0	29	0	1,775	0	0	0	0	0	0	47
UNIV OF NC AT CHAPEL HILL	81,473	300	0	3,597	0	942	2,839	67,299	0	473	5,549	474
UNIV OF NEBRASKA AT OMAHA	3,322	0	0	130	0	0	0	0	0	0	0	3,192
UNIV OF NEBRASKA-LINCOLN	15,126	3,796	0	699	533	493	144	2,172	0	706	4,397	2,186
UNIV OF NEVADA - RENO	9,265	1,624	0	260	0	2,069	604	2,641	1,068	267	732	0
UNIV OF NEW HAMPSHIRE	12,986	1,582	2,598	332	0	355	25	547	0	5,204	2,343	0
UNIV OF NORTHERN COLORADO	433	0	0	0	237	0	0	0	0	0	196	0
UNIV OF NORTHERN IOWA	99	0	0	0	0	0	0	98	0	0	1	0
UNIV OF P R-MAYAGUEZ	5,733	4,179	649	0	36	270	0	88	0	217	294	0
UNIV OF P R-MED SCI CMPUS	2,510	0	0	12	0	0	0	2,194	0	0	304	0
UNIV OF P R-RIO PIEDRAS	943	0	0	304	0	0	0	638	0	0	0	1
UNIV OF P R, SYSTEM OFF	1,383	0	100	0	0	149	0	213	113	0	808	0
UNIV OF RHODE ISLAND	12,044	1,082	2,573	2,421	147	0	0	1,043	105	222	4,339	112
UNIV OF SOUTH ALABAMA	4,954	0	0	0	0	0	0	4,905	0	0	49	0
UNIV OF SOUTH CAROLINA	11,741	0	0	794	52	443	107	7,258	79	51	2,957	0
UNIV OF SOUTH DAKOTA	535	0	0	0	0	0	0	333	0	60	142	0
UNIV OF SOUTH FLORIDA	10,382	124	300	979	712	275	38	5,668	0	689	1,597	0
UNIV OF SOUTHWESTERN LA	1,280	0	0	30	0	0	0	1,107	0	0	143	0
UNIV OF STHRN MISSISSIPPI	1,495	170	45	373	68	170	0	145	15	8	501	0
UNIV OF TENN SYSTEM OFF	7,337	0	0	0	0	7,091	0	0	246	0	0	0
UNIV OF TEX AT ARLINGTON	1,175	0	0	366	0	80	50	293	0	155	231	0
UNIV OF TEXAS AT AUSTIN	76,495	471	99	36,738	0	8,254	772	10,583	138	4,777	14,663	0
UNIV OF TEXAS AT DALLAS	6,532	0	0	2,295	166	0	55	1,701	0	1,684	631	0
UNIV OF TEXAS AT EL PASO	489	0	0	260	0	53	0	72	90	0	14	0
UNIV OF TEXAS SYSTEM OFF	2,326	0	0	0	194	0	0	1,867	256	0	0	9
UNIV OF VT & ST AGRIC COL	23,922	1,969	0	230	966	208	60	19,220	123	0	1,146	0
UNIV OF WIS-MADISON	134,021	8,675	2,829	5,497	226	12,420	709	74,906	0	7,176	20,433	950
UNIV OF WIS-MILWAUKEE	3,134	263	0	440	219	100	15	1,295	0	271	462	69
UNIV OF WISCONSIN SYS OFF	2,301	0	0	0	1,741	0	425	0	105	0	0	30
UNIV SYS OF N HAMP SYS OF	130	0	0	0	0	0	0	25	105	0	0	0
UNIV SYSTEM OF GEORGIA	90	0	0	0	0	0	0	0	90	0	0	0
UNIV TENN CTR HEALTH SCI	16,156	0	0	593	0	0	0	15,123	0	100	340	0
UNIVERSITY OF AKRON	2,192	156	0	246	0	200	152	119	0	790	529	0
UNIVERSITY OF ARIZONA	64,491	3,266	381	8,533	1,491	713	1,325	29,639	798	8,910	8,895	540
UNIVERSITY OF CINCINNATI	34,488	400	237	2,062	70	295	975	27,589	0	758	2,102	0
UNIVERSITY OF COLORADO	87,623	205	9,122	6,067	192	3,097	411	43,652	663	10,459	13,753	2

SEE FOOTNOTES AT END OF TABLE.

TABLE B-22. — FEDERAL OBLIGATIONS TO PUBLIC UNIVERSITIES AND COLLEGES FOR RESEARCH AND DEVELOPMENT BY HIGHEST DEGREE GRANTED AND AGENCY: FISCAL YEAR 1987

CONTINUED

(DOLLARS IN THOUSANDS)

DOCTORATE-GRANTING INSTITUTIONS	TOTAL	USDA	CON	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
UNIVERSITY OF CONNECTICUT	38,806	1,258	5,056	2,476	968	510	150	26,025	105	0	2,258	0
UNIVERSITY OF DELAWARE	11,606	1,147	156	3,681	151	454	40	2,343	105	373	3,156	0
UNIVERSITY OF FLORIDA	52,888	5,820	2,354	7,741	103	1,708	1,073	26,727	262	1,066	5,999	35
UNIVERSITY OF GEORGIA	33,489	6,109	1,090	984	67	9,358	633	8,146	70	183	5,184	1,705
UNIVERSITY OF IDAHO	6,431	3,700	0	90	101	102	20	469	1,052	275	565	57
UNIVERSITY OF IOWA	63,479	75	11	3,246	490	255	771	48,965	140	6,315	3,251	0
UNIVERSITY OF KANSAS	22,988	54	164	1,272	2,092	341	388	14,212	0	1,413	2,213	839
UNIVERSITY OF KENTUCKY	23,906	5,994	101	729	95	690	188	13,772	335	147	1,830	25
UNIVERSITY OF LOUISVILLE	4,728	0	0	230	0	438	0	3,954	0	340	366	0
UNIVERSITY OF LOWELL	2,277	0	0	1,278	0	105	0	686	0	0	208	0
UNIVERSITY OF MASSACHUSET	57,913	2,734	0	11,424	466	1,491	311	31,194	62	912	9,319	0
UNIVERSITY OF MICHIGAN	134,977	833	313	11,140	240	4,883	792	86,178	0	8,914	20,999	1,085
UNIVERSITY OF MINNESOTA	119,746	6,226	890	4,089	1,656	4,778	1,299	82,462	368	1,975	15,768	265
UNIVERSITY OF MISSISSIPPI	9,562	0	80	660	0	22	310	7,796	243	23	428	0
UNIVERSITY OF MONTANA	1,714	495	59	83	0	0	34	486	62	173	322	0
UNIVERSITY OF N DAKOTA	3,261	111	0	0	120	135	68	870	738	61	208	950
UNIVERSITY OF NEW MEXICO	25,158	0	80	11,568	661	998	0	8,321	30	883	2,617	0
UNIVERSITY OF OKLAHOMA	17,736	0	1,471	666	602	4,047	543	7,947	138	185	2,084	53
UNIVERSITY OF OREGON MAIN	16,560	57	20	1,979	2,980	572	0	6,238	21	338	4,355	0
UNIVERSITY OF PITTSBURGH	72,236	200	459	3,933	1,018	1,526	595	54,811	0	546	7,068	80
UNIVERSITY OF TOLEDO	1,588	0	0	30	0	40	0	520	0	661	337	0
UNIVERSITY OF UTAH	56,590	60	0	7,092	439	4,217	23	36,761	1,125	654	6,072	147
UNIVERSITY OF VIRGINIA	44,732	70	1,513	3,342	2,030	1,863	294	28,358	80	1,707	5,425	50
UNIVERSITY OF WASHINGTON	164,891	2,173	4,218	22,985	1,912	6,415	1,091	98,459	456	4,046	23,136	0
UNIVERSITY OF WYOMING	9,437	1,712	0	1,092	191	620	135	885	1,018	512	3,272	0
UTAH STATE UNIVERSITY	25,170	2,856	0	14,894	1,230	108	1,175	1,370	295	1,223	2,019	0
VA POLYTECH INST & ST U	23,588	5,247	0	5,286	165	2,002	655	2,628	1,319	2,276	3,647	363
VIRGINIA COMMONWLTH UNIV	31,477	50	0	1,114	877	126	308	28,106	0	396	500	0
WASHINGTON STATE UNIV	16,544	5,150	100	1,571	0	582	168	4,950	155	118	3,604	144
WAYNE STATE UNIVERSITY	19,603	0	0	522	455	256	0	16,591	0	33	1,623	123
WEST VIRGINIA UNIVERSITY	10,401	2,592	0	634	405	747	351	4,317	565	218	496	76
WESTERN MICHIGAN UNIV	373	0	0	50	0	70	0	126	0	88	39	0
WICHITA STATE UNIVERSITY	377	0	0	2	0	0	0	183	0	136	56	0
WRIGHT STATE UNIVERSITY	3,133	0	0	1,065	280	0	101	1,435	102	105	45	0

SEE FOOTNOTES AT END OF TABLE.

TABLE B-22. — FEDERAL OBLIGATIONS TO PUBLIC UNIVERSITIES AND COLLEGES FOR RESEARCH AND DEVELOPMENT BY HIGHEST DEGREE GRANTED AND AGENCY: FISCAL YEAR 1987

(DOLLARS IN THOUSANDS)

MASTER'S-GRANTING INSTITUTIONS	TOTAL	USDA	CDN	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
ALABAMA A & M UNIVERSITY	3,580	1,366	0	100	77	386	0	73	0	1,293	285	0
ALABAMA STATE UNIVERSITY	76	0	0	0	0	0	0	0	0	0	76	0
APPALACHIAN ST UNIVERSITY	709	0	0	0	306	0	11	154	0	0	238	0
ARKANSAS STATE UNIVERSITY	65	0	0	0	0	0	0	0	0	65	0	0
BRIDGEWATER STATE COLLEGE	117	0	0	0	64	0	0	0	0	0	53	0
CAL POLY ST U SAN LUIS OB	389	28	0	0	0	0	0	0	0	230	131	0
CALIF ST COL BAKERSFIELD	113	0	0	0	0	0	0	0	0	0	113	0
CALIF ST POLY UNIV POMONA	107	0	0	0	0	0	0	0	0	24	83	0
CALIF ST UNIV FULLERTON	774	0	0	80	0	38	0	219	0	54	383	0
CALIF ST UNIV HAYWARD	85	0	0	40	0	0	0	0	0	45	0	0
CALIF ST UNIV LONG BEACH	3,318	0	0	2,530	0	54	143	178	0	110	303	0
CALIF ST UNIV LOS ANGELES	1,145	0	0	0	0	28	0	596	0	0	521	0
CALIF ST UNIV NORTHRIDGE	540	0	0	0	0	47	0	143	0	121	229	0
CALIF ST UNIV SACRAMENTO	207	0	0	115	0	0	72	0	0	0	20	0
CALIF STATE UNIV CHICO	180	49	100	0	0	0	0	0	0	0	31	0
CALIF STATE UNIV FRESNO	189	0	0	0	0	0	30	89	0	0	70	0
CENTRAL CONN STATE UNIV	142	0	0	0	125	0	0	0	0	0	17	0
CENTRAL MISSOURI ST UNIV	49	0	0	0	0	0	0	49	0	0	0	0
CHICAGO STATE UNIVERSITY	75	0	0	0	0	0	0	0	0	0	75	0
CITADEL MILITARY COL S C	60	0	0	0	0	0	0	0	0	60	0	0
COLLEGE OF CHARLESTON	80	0	0	0	0	0	0	0	0	0	80	0
CUNY BERNARD BARUCH COL	206	100	0	0	0	0	0	62	0	0	44	0
CUNY BROOKLYN COLLEGE	1,300	0	0	0	0	100	0	590	0	0	610	0
CUNY COL STATEN ISLAND	302	0	0	0	0	0	0	129	0	50	123	0
CUNY JHN JAY COL CRIM JUS	219	0	0	0	0	0	0	120	0	0	0	99
CUNY QUEENS COLLEGE	1,769	0	0	92	0	175	0	950	0	0	552	0
EAST CENTRAL OKLA ST UNIV	295	0	0	0	0	0	295	0	0	0	0	0
EAST STROUDSBURG U OF PA	1	0	0	0	0	0	0	0	1	0	0	0
EASTERN ILLINOIS UNIV	54	0	0	0	0	0	0	44	0	0	10	0
EASTERN MICHIGAN UNIV	891	0	0	0	76	0	0	392	0	0	423	0
EASTERN NEW MEXICO UNIV	250	0	0	0	250	0	0	0	0	0	0	0
EASTERN WASHINGTON UNIV	231	0	0	0	0	0	0	93	0	138	0	0
FLORIDA INTERNATIONAL U	541	8	0	20	0	0	156	97	0	0	260	0
FORT HAYS ST UNIV	92	0	0	0	92	0	0	0	0	0	0	0
GEORGIA SOUTHERN COLLEGE	332	49	0	0	0	0	0	220	1	29	33	0
GRAMBLING STATE UNIV	251	0	0	0	88	138	0	25	0	0	0	0
HUMBOLDT STATE UNIVERSITY	305	198	0	0	0	0	0	0	83	20	4	0
JACKSON STATE UNIVERSITY	1,827	13	0	82	0	930	0	42	0	151	521	88
JAMES MADISON UNIVERSITY	52	0	0	0	0	0	0	0	0	0	52	0
JERSEY CITY STATE COLLEGE	28	0	0	0	28	0	0	0	0	0	0	0
KEAN COL OF NEW JERSEY	46	0	0	0	46	0	0	0	0	0	0	0
KEARNEY STATE COLLEGE	70	0	0	0	0	0	0	56	14	0	0	0
KUTZTOWN UNIV OF PENN	33	0	0	0	0	0	33	0	0	0	0	0
MANKATO STATE UNIVERSITY	260	0	0	0	0	0	0	56	0	0	204	0
MANSFIELD UNIV OF PENN	49	0	0	0	0	0	0	49	0	0	0	0
MCNEESE STATE UNIVERSITY	30	29	0	0	0	0	0	0	0	0	1	0
MIDDLE TENNESSEE ST UNIV	54	0	0	0	0	38	0	16	0	0	0	0
MIDWESTERN STATE UNIV	14	0	0	0	0	0	0	0	0	0	14	0
MONT COL MINRL SCI & TECH	180	0	0	0	0	0	42	0	138	0	0	0
MORGAN STATE UNIVERSITY	517	0	0	0	0	0	0	0	0	367	75	75
MURRAY STATE UNIVERSITY	23	0	0	0	0	0	0	0	0	21	2	0
NC AG & TECH STATE UNIV	3,421	2,058	0	142	203	194	0	125	0	258	237	204
NEW MEXICO HIGHLANDS UNIV	252	0	0	0	157	0	20	0	0	0	75	0
NORTH CAROLINA CNTRL UNIV	344	29	0	62	103	63	25	62	0	0	0	0
NORTHEAST MISSOURI ST U	51	0	0	0	0	0	0	0	0	0	51	0
NORTHEASTERN ILL UNIV	30	0	0	0	30	0	0	0	0	0	0	0
NORTHERN MICHIGAN UNIV	141	0	63	0	30	0	0	0	0	0	48	0
OREG ST HIGHER ED SYS OFF	33	0	0	0	0	0	0	0	0	0	33	0
PAN AMERICAN UNIVERSITY	151	0	78	0	0	0	0	0	0	0	73	0
PRAIRIE VIEW A & M UNIV	2,345	2,045	0	0	0	0	0	0	0	225	75	0
RHODE ISLAND COLLEGE	171	0	0	0	83	0	0	35	0	0	53	0
S ILLINOIS U EDWARDSVILLE	192	0	0	0	0	0	0	115	65	0	12	0
SALEM STATE COLLEGE	65	0	0	0	65	0	0	0	0	0	0	0
SAN FRANCISCO STATE UNIV	1,416	0	0	0	82	102	0	1,089	30	64	49	0
SAN JOSE STATE UNIVERSITY	4,067	120	119	340	0	0	0	728	0	1,825	935	0
SHIPPENSBURG UNIV OF PENN	52	0	0	0	0	0	0	52	0	0	0	0
SONOMA STATE UNIVERSITY	90	0	0	0	0	0	0	0	0	26	64	0
SOUTHEAST MISSOURI ST U	71	0	0	0	0	0	0	53	0	0	18	0
SOUTHEASTERN MASS UNIV	1,095	718	0	0	0	0	0	0	0	0	377	0
SOUTHERN CONN STATE UNIV	17	17	0	0	0	0	0	0	0	0	0	0
SOUTHERN U & A&M COLLEGE	1,710	1,096	0	0	0	52	0	0	0	337	225	0
SOUTHWEST MISSOURI ST U	11	0	0	0	0	0	0	0	0	0	11	0
SOUTHWEST TEXAS ST UNIV	23	0	0	0	0	0	0	0	0	23	0	0
ST CLOUD STATE UNIVERSITY	115	0	0	0	42	0	0	73	0	0	0	0
SUL ROSS STATE UNIVERSITY	295	0	0	0	5	0	0	0	0	5	285	0
SUNY COLLEGE BROCKPORT	136	0	0	0	124	0	0	0	0	0	12	0
SUNY COLLEGE BUFFALO	327	0	0	0	0	0	0	302	0	0	25	0
SUNY COLLEGE FREDONIA	150	0	0	0	39	0	0	0	0	0	111	0
SUNY COLLEGE GENESEO	139	0	0	0	0	0	0	116	0	0	23	0
SUNY COLLEGE OSWEGO	3	0	0	0	0	0	0	0	0	0	3	0
SUNY COLLEGE PLATTSBURGH	462	0	0	0	145	72	0	245	0	0	0	0
SUNY COLLEGE POTSDAM	83	0	0	0	0	0	0	0	0	0	83	0
TENNESSEE STATE UNIV	2,849	1,521	0	0	52	0	0	818	0	178	280	0
TEXAS A & I UNIVERSITY	125	0	0	0	0	125	0	0	0	0	0	0
TEXAS SOUTHERN UNIV	1,511	0	0	0	129	101	0	930	0	16	335	0
TOHSON STATE UNIVERSITY	11	0	0	0	0	0	0	0	0	5	6	0
TRENTON STATE COLLEGE	121	0	0	0	0	0	0	121	0	0	0	0
U OF TEXAS AT SAN ANTONIO	672	0	85	0	0	0	0	272	0	42	273	0
UNIV HOUSTN CLR LAKE CITY	2,346	0	0	0	0	0	0	0	0	2,281	65	0

SEE FOOTNOTES AT END OF TABLE.

TABLE B-22. — FEDERAL OBLIGATIONS TO PUBLIC UNIVERSITIES AND COLLEGES FOR RESEARCH AND DEVELOPMENT BY HIGHEST DEGREE GRANTED AND AGENCY: FISCAL YEAR 1987

CONTINUED

(DOLLARS IN THOUSANDS)

MASTER'S-GRANTING INSTITUTIONS	TOTAL	USDA	CDH	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
UNIV OF ALASKA ANCHORAGE	215	0	100	0	0	0	0	22	0	0	93	0
UNIV OF ALASKA STHEASTRN	940	0	940	0	0	0	0	0	0	0	0	0
UNIV OF ARK LITTLE ROCK	446	0	0	0	286	0	0	71	0	3	86	0
UNIV OF N C AT CHARLOTTE	391	0	0	0	26	80	0	0	0	55	230	0
UNIV OF N C AT WILMINGTON	100	0	0	0	0	0	0	0	0	0	100	0
UNIV OF NEVADA LAS VEGAS	2,488	0	0	0	0	0	2,254	63	33	0	138	0
UNIV OF WEST FLORIDA	192	0	0	40	0	0	72	0	0	0	80	0
UNIV OF WIS-EAU CLAIRE	257	0	0	0	0	0	0	100	0	0	157	0
UNIV OF WIS-GREEN BAY	27	0	0	0	0	0	27	0	0	0	0	0
UNIV OF WIS-OSHKOSH	244	0	0	0	103	0	0	0	0	0	141	0
UNIV OF WIS-RIVER FALLS	84	0	0	0	0	0	0	0	0	0	84	0
UNIV OF WIS-STEVENS POINT	95	0	0	0	0	0	0	19	0	0	76	0
UNIV OF WIS-STOUT	935	0	100	0	835	0	0	0	0	0	0	0
UNIV OF WIS-SUPERIOR	584	0	0	0	0	0	547	0	0	0	37	0
UNIV OF WIS-WHITEWATER	138	0	0	0	70	0	0	68	0	0	0	0
UNIVERSITY OF BALTIMORE	70	0	0	0	70	0	0	0	0	0	0	0
UNIVERSITY OF D C	756	471	0	120	0	0	0	0	107	49	9	0
UNIVERSITY OF GUAM	1,107	896	0	0	0	0	0	72	105	0	34	0
VALDOSTA STATE COLLEGE	17	0	0	0	0	0	0	0	0	0	17	0
VIRGINIA STATE UNIVERSITY	1,906	1,316	0	0	0	19	0	0	0	211	360	0
WEST CHESTER UNIV OF PENN	4	0	0	0	0	0	0	0	0	0	4	0
WESTERN CAROLINA UNIV	369	0	80	0	78	0	0	46	0	0	165	0
WESTERN ILLINOIS UNIV	105	9	0	0	0	0	0	96	0	0	0	0
WESTERN KENTUCKY UNIV	157	0	0	0	22	0	0	100	0	0	35	0
WESTERN OREGON STATE COLL	155	0	0	0	155	0	0	0	0	0	0	0
WESTERN ST COL COLORADO	51	0	0	0	0	0	0	51	0	0	0	0
WESTERN WASHINGTON UNIV	392	140	0	0	0	0	57	0	18	0	177	0
WILLIAM PATERSON COLLEGE	74	0	0	0	74	0	0	0	0	0	0	0
YOUNGSTOWN ST UNIVERSITY	273	0	0	0	0	0	0	193	0	0	80	0

SEE FOOTNOTES AT END OF TABLE.

TABLE B-22. — FEDERAL OBLIGATIONS TO PUBLIC UNIVERSITIES AND COLLEGES FOR RESEARCH AND DEVELOPMENT BY HIGHEST DEGREE GRANTED AND AGENCY: FISCAL YEAR 1987

(DOLLARS IN THOUSANDS)

BACHELOR'S-GRANTING INSTITUTIONS	TOTAL	USDA	COM	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
ALBANY STATE COLLEGE	97	0	0	0	0	0	0	0	0	0	97	0
ALCORN STATE UNIVERSITY	1,338	1,338	0	0	0	0	0	0	0	0	0	0
ARKANSAS TECH UNIVERSITY	25	0	0	0	0	0	0	0	25	0	0	0
BOISE STATE UNIVERSITY	214	0	155	0	0	0	7	0	0	0	52	0
BOWIE STATE COLLEGE	130	0	0	0	0	0	0	0	0	130	0	0
CENTRAL STATE UNIV (OK)	120	0	80	40	0	0	0	0	0	0	0	0
COL OF THE VIRGIN ISLANDS	1,026	824	0	0	0	0	0	0	105	0	97	0
CUNY YORK COLLEGE	41	0	0	0	0	37	0	0	0	0	4	0
DELAWARE STATE COLLEGE	461	461	0	0	0	0	0	0	0	0	0	0
EASTERN MONTANA COLLEGE	95	0	0	55	0	0	0	0	0	0	40	0
EASTERN OREGON ST COLLEGE	1,049	0	100	0	907	0	42	0	0	0	0	0
EVERGREEN STATE COLLEGE	66	0	0	0	0	0	0	0	0	0	66	0
FERRIS STATE COLLEGE	52	0	0	0	0	0	0	52	0	0	0	0
FORT VALLEY STATE COLLEGE	1,432	1,388	0	0	0	0	0	44	0	0	0	0
FRANCIS MARION COLLEGE	17	0	0	0	0	0	0	0	0	0	17	0
KENTUCKY STATE UNIVERSITY	1,848	1,628	0	0	0	0	0	0	0	0	220	0
LANGSTON UNIVERSITY	1,100	1,051	0	0	0	0	0	0	49	0	0	0
LEWIS-CLARK STATE COLLEGE	341	0	0	0	341	0	0	0	0	0	0	0
LINCOLN UNIVERSITY (MO)	1,447	1,447	0	0	0	0	0	0	0	0	0	0
LINCOLN UNIVERSITY (PA)	351	0	0	190	0	0	67	0	0	0	0	94
LONGWOOD COLLEGE	69	0	0	0	0	0	0	0	0	69	0	0
MARY WASHINGTON COLLEGE	19	0	0	0	0	0	0	0	0	19	0	0
MISS VALLEY STATE UNIV	828	728	100	0	0	0	0	0	0	0	0	0
MISSOURI SOUTHERN ST COL	39	0	0	0	0	0	0	0	39	0	0	0
NO MARIANAS COLLEGE	290	290	0	0	0	0	0	0	0	0	0	0
NORFOLK STATE UNIVERSITY	143	0	0	0	0	0	0	35	0	108	0	0
NORTHEASTERN OKLA ST UNIV	65	0	0	0	0	0	0	65	0	0	0	0
NORTHERN KENTUCKY UNIV	36	0	0	0	0	0	0	0	0	0	36	0
SAVANNAH STATE COLLEGE	19	0	19	0	0	0	0	0	0	0	0	0
SOUTH CAROLINA ST COLLEGE	1,189	1,112	0	0	77	0	0	0	0	0	0	0
SOUTHEASTERN OKLA ST UNIV	263	0	0	0	0	0	0	0	0	263	0	0
ST MARY'S COLLEGE OF MD	48	0	0	0	0	0	0	48	0	0	0	0
STOCKTON STATE COLLEGE	14	0	0	0	0	0	0	0	0	0	14	0
SUNY COL AT OLD WESTBURY	140	0	0	140	0	0	0	0	0	0	0	0
SUNY COLLEGE AT PURCHASE	144	0	0	0	0	0	0	69	0	30	45	0
U OF ARK AT MONTICELLO	48	48	0	0	0	0	0	0	0	0	0	0
U OF HOUSTON DOWNTOWN COL	472	0	0	0	0	472	0	0	0	0	0	0
U OF MD EASTERN SHORE	1,152	741	0	0	26	0	0	0	25	0	360	0
U OF MD UNIVERSITY COLL	67	58	0	0	9	0	0	0	0	0	0	0
UN OF NY REGENTS COL DEG	678	319	0	0	88	0	0	52	0	0	219	0
UNIV OF ARK PINE BLUFF	1,166	1,108	0	0	0	0	0	0	0	58	0	0
UNIV OF MAINE, FARMINGTON	315	0	0	0	0	315	0	0	0	0	0	0
UNIV OF MAINE, MACHIAS	15	0	15	0	0	0	0	0	0	0	0	0
UNIV OF N C AT ASHEVILLE	149	0	0	0	144	0	0	0	0	0	5	0
UNIV OF P R-HUMACAO U COL	55	0	21	0	0	0	0	0	0	0	34	0
UNIV OF SOUTHERN COLORADO	285	0	0	0	0	0	0	0	0	285	0	0
UNIV OF WIS-PARKSIDE	296	0	0	40	0	0	0	187	0	0	69	0
UNIVERSITY OF STHRN MAINE	819	0	80	0	0	0	0	706	33	0	0	0
VIRGINIA MILITARY INST	108	0	0	0	0	0	0	65	0	14	29	0
WEBER STATE COLLEGE	203	0	0	0	0	0	0	54	0	0	149	0
WEST VIRGINIA STATE COL	59	0	0	0	59	0	0	0	0	0	0	0
WESTERN MONTANA COLLEGE	34	0	0	0	34	0	0	0	0	0	0	0
WINSTON-SALEM STATE UNIV	91	0	0	0	0	29	0	62	0	0	0	0

SEE FOOTNOTES AT END OF TABLE.

TABLE B-22. — FEDERAL OBLIGATIONS TO PUBLIC UNIVERSITIES AND COLLEGES FOR RESEARCH AND DEVELOPMENT BY HIGHEST DEGREE GRANTED AND AGENCY: FISCAL YEAR 1987

(DOLLARS IN THOUSANDS)

NO SCIENCE DEGREE INSTITUTIONS	TOTAL	USDA	CON	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
ALPENA COMMUNITY COLLEGE	40	0	40	0	0	0	0	0	0	0	0	0
AMERICAN SAMOA CMTY COL	340	340	0	0	0	0	0	0	0	0	0	0
BEAUFORT TECHNICAL COL	500	0	0	0	500	0	0	0	0	0	0	0
BELMONT TECHNICAL COLLEGE	6	0	0	0	0	0	0	0	6	0	0	0
BERKSHIRE COMMUNITY COL	158	0	0	0	158	0	0	0	0	0	0	0
CENTRAL PIEDMONT CMTY COL	280	0	0	0	280	0	0	0	0	0	0	0
CHEMEKETA COMMUNITY COL	61	0	0	0	61	0	0	0	0	0	0	0
CITY COLLEGES OF CHICAGO	165	0	0	0	165	0	0	0	0	0	0	0
CMTY COL DENVER AURARIA	117	0	0	0	117	0	0	0	0	0	0	0
CMTY COL DENVER RED ROCKS	83	0	0	0	83	0	0	0	0	0	0	0
CMTY COL OF MICRONESIA	290	290	0	0	0	0	0	0	0	0	0	0
CMTY COL OF PHILADELPHIA	5	0	0	0	0	0	0	0	0	0	0	5
COLLEGE OF LAKE COUNTY	90	0	0	90	0	0	0	0	0	0	0	0
COLLEGE OF SOUTHERN IDAHO	50	0	0	0	0	0	0	50	0	0	0	0
COLUMBUS TECHNICAL INST	44	0	0	0	0	0	0	44	0	0	0	0
CUNY LAGUARDIA CMTY COL	72	0	0	0	72	0	0	0	0	0	0	0
CUNY NY CITY TECH COL	386	0	0	0	296	0	0	0	0	0	90	0
CUYAHOGA CMTY COL DIST	33	0	0	0	33	0	0	0	0	0	0	0
DELTA COLLEGE	91	0	0	0	91	0	0	0	0	0	0	0
EASTERN ME VOC TECH INST	81	0	0	0	81	0	0	0	0	0	0	0
EASTERN OKLA STATE COL	25	0	25	0	0	0	0	0	0	0	0	0
EDMONDS COMMUNITY COLLEGE	62	0	0	0	62	0	0	0	0	0	0	0
ESSEX COUNTY COLLEGE	52	0	0	0	52	0	0	0	0	0	0	0
FOOTHILL-DEANZA CCSYS OFF	195	0	0	0	0	0	0	0	0	195	0	0
FORT STEILACOOM CMTY COL	156	0	0	0	156	0	0	0	0	0	0	0
FOX VALLEY TECHNICAL INST	40	0	40	0	0	0	0	0	0	0	0	0
HARRISBURG AREA CMTY COL	35	0	0	0	0	0	0	35	0	0	0	0
IOWA CENTRAL CMTY COLLEGE	105	0	0	0	0	0	0	0	105	0	0	0
J SGT REYNOLDS COM COL	38	0	0	0	0	0	0	0	38	0	0	0
JEFFERSON STATE JR COL	46	0	0	0	46	0	0	0	0	0	0	0
KENNESAW COLLEGE	54	0	0	0	0	0	0	54	0	0	0	0
KIRKWOOD COMMUNITY COL	74	0	0	0	74	0	0	0	0	0	0	0
LANE COMMUNITY COLLEGE	97	0	0	0	97	0	0	0	0	0	0	0
LANSING COMMUNITY COLLEGE	50	0	0	0	0	0	0	50	0	0	0	0
LONG BEACH CITY COLLEGE	11	0	0	0	0	0	0	0	0	0	0	11
MERRITT COLLEGE	80	0	0	0	0	0	0	80	0	0	0	0
MIAMI-DADE CMTY COLLEGE	123	0	0	0	67	0	0	56	0	0	0	0
MONTEREY PENINSULA COL	66	0	0	0	66	0	0	0	0	0	0	0
NEW HAMPSHIRE TECH INST	48	0	0	0	48	0	0	0	0	0	0	0
NJ SCHL OF OSTEO MED	1,573	0	0	0	0	0	0	1,439	0	134	0	0
NORTHERN VA COMMUNITY COL	85	0	0	0	85	0	0	0	0	0	0	0
NORTHWESTERN MICHIGAN COL	46	0	0	0	46	0	0	0	0	0	0	0
OAKLAND COMMUNITY COLLEGE	113	0	0	80	0	33	0	0	0	0	0	0
OAKTON COMMUNITY COLLEGE	47	0	0	0	47	0	0	0	0	0	0	0
OGLALA SIOUX CMTY COLLEGE	18	0	0	0	0	0	0	18	0	0	0	0
PENN VALLEY COMMUNITY C	2	0	0	0	0	0	0	0	0	0	0	2
PENSACOLA JUNIOR COLLEGE	207	0	0	0	207	0	0	0	0	0	0	0
PORTLAND COMMUNITY COL	74	0	0	0	74	0	0	0	0	0	0	0
QUINSIGAMOND CMTY COLLEGE	42	0	0	0	42	0	0	0	0	0	0	0
RICHLAND COLLEGE	110	0	0	0	110	0	0	0	0	0	0	0
SAN JUAN COLLEGE	59	0	0	0	0	0	0	46	13	0	0	0
SEATTLE COMMUNITY COLLEGE	537	0	0	0	524	0	0	0	0	0	0	13
SOUTHSIDE VA CMTY COLLEGE	47	0	0	0	0	0	0	47	0	0	0	0
SOUTHWSTERN OREG CMTY COL	2	0	0	0	0	0	0	0	0	0	0	2
ST PAUL TECH VOC INST	534	0	0	0	534	0	0	0	0	0	0	0
SUNY AG & TECH ALFRED	80	0	0	80	0	0	0	0	0	0	0	0
SUNY NASSAU CMTY COLLEGE	89	0	0	0	67	0	0	0	0	0	22	0
TRI-COUNTY TECH COLLEGE	71	0	0	0	71	0	0	0	0	0	0	0
TULSA JUNIOR COLLEGE	209	0	0	0	0	0	0	209	0	0	0	0
UNIV OF WIS-CENTER SYSTEM	131	8	0	0	0	0	0	0	123	0	0	0
VALENCIA COMMUNITY COL	116	0	0	0	116	0	0	0	0	0	0	0
VISTA COLLEGE	8	0	0	0	8	0	0	0	0	0	0	0
WESTERN WYOMING CMTY COL	7	0	0	0	0	0	0	0	7	0	0	0

1/ INCLUDES DOT, AID, HUD, LABOR, AND NRC.

SOURCE: NATIONAL SCIENCE FOUNDATION, SRS

TABLE B-23. — FEDERAL OBLIGATIONS TO PRIVATE UNIVERSITIES AND COLLEGES FOR RESEARCH AND DEVELOPMENT BY HIGHEST DEGREE GRANTED AND AGENCY: FISCAL YEAR 1987

(DOLLARS IN THOUSANDS)

DOCTORATE-GRANTING INSTITUTIONS	TOTAL	USDA	COM	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
ADELPHI UNIVERSITY	172	0	0	0	0	0	0	120	0	0	52	0
ALBANY MEDICAL COLLEGE	7,107	0	0	0	0	0	108	6,922	0	0	77	0
ALFRED UNIVERSITY	241	0	0	0	0	0	0	0	0	25	216	0
AMERICAN UNIVERSITY	1,315	0	31	0	90	126	148	22	0	42	431	425
ATLANTA UNIVERSITY	2,594	16	80	779	52	289	0	1,007	0	371	0	0
BAYLOR COL OF DENTISTRY	1,055	0	0	600	0	0	0	455	0	0	0	0
BAYLOR COL OF MEDICINE	56,255	4,867	0	494	1,172	0	178	48,901	0	309	334	0
BAYLOR UNIVERSITY	642	0	0	0	0	0	0	536	0	98	8	0
BOSTON COLLEGE	3,351	0	0	618	0	0	40	1,556	0	0	974	163
BOSTON UNIVERSITY	53,331	56	95	3,898	1,421	925	10	41,714	30	513	4,660	9
BRANDEIS UNIVERSITY	16,007	0	0	50	10	543	143	11,946	0	394	2,921	0
BRIGHAM YOUNG UNIVERSITY	4,987	66	0	1,570	0	890	0	128	14	0	2,319	0
BROWN UNIVERSITY	27,710	64	60	4,797	340	2,548	0	10,887	199	1,505	7,310	0
BRYN MAWR COLLEGE	616	0	0	0	0	0	0	501	0	0	115	0
CAL SCH PROF PSYCH-L A	100	0	0	0	0	0	0	100	0	0	0	0
CAL SCH PROF PSYCH-S D	71	0	0	0	71	0	0	0	0	0	0	0
CALIFORNIA INST OF TECH	57,122	0	90	9,440	0	5,476	573	11,920	1,200	6,662	21,761	0
CARNEGIE-MELLON UNIV	69,454	0	122	42,752	78	3,198	176	6,458	967	448	15,255	0
CASE WESTERN RESERVE UNIV	56,774	106	0	3,677	419	396	148	43,597	0	4,548	3,883	0
CATHOLIC UNIV OF AMERICA	5,077	93	241	1,629	856	219	0	744	0	858	437	0
CATHOLIC UNIV OF P R	241	0	0	0	90	0	0	151	0	0	0	0
CHICAGO COL OF OSTEO MED	576	0	0	0	0	0	0	576	0	0	0	0
CLAREMONT GRADUATE SCHOOL	363	26	0	27	0	0	0	133	0	0	177	0
CLARK UNIVERSITY	2,017	0	0	200	0	130	0	251	0	0	316	1,120
CLARKSON UNIVERSITY	4,144	0	0	1,124	0	150	35	100	0	1,413	1,322	0
COL OF OSTEO MED & SURG	156	0	0	0	0	0	0	156	0	0	0	0
COLUMBIA U TEACHERS COL	886	0	0	0	173	0	0	349	0	0	364	0
COLUMBIA UNIV MAIN DIV	130,724	0	75	8,675	195	5,814	346	87,315	1,018	3,346	21,530	2,410
COLUMBIA UNIV SYS OFF	250	0	203	0	0	0	0	0	0	0	47	0
CORNELL UNIVERSITY	128,695	8,509	46	14,321	146	4,678	1,468	60,678	280	3,696	34,278	995
CREIGHTON UNIVERSITY	1,979	0	0	0	81	0	0	1,883	0	0	15	0
CUNY MT SINAI SCH OF MED	34,851	0	0	0	290	79	224	33,755	0	45	458	0
DARTMOUTH COLLEGE	21,489	356	0	1,520	0	629	316	16,327	0	357	1,984	0
DE PAUL UNIVERSITY	536	0	0	0	90	0	0	232	0	0	214	0
DREW POST-GRAD MED SCHOOL	4,583	0	0	0	0	0	0	4,583	0	0	0	0
DREXEL UNIVERSITY	5,633	0	87	1,482	0	190	400	806	0	418	2,250	0
DUKE UNIVERSITY	84,622	100	116	3,479	0	2,447	1,513	70,600	0	747	5,620	0
DUQUESNE UNIVERSITY	69	0	0	0	0	0	0	69	0	0	0	0
EASTERN VA MEDICAL SCHOOL	4,658	0	0	0	50	0	0	1,288	0	60	20	3,240
EMORY UNIVERSITY	47,294	0	0	390	775	70	0	44,522	0	193	1,344	0
FAIRLEIGH DICKINSON UNIV	2,863	0	2,635	0	56	0	0	172	0	0	0	0
FLORIDA INST OF TECH	721	0	33	50	0	0	100	482	0	25	31	0
FORDHAM UNIVERSITY	1,923	0	0	0	326	0	0	1,585	0	0	12	0
FULLER THEOLOGICAL SEM	12	0	0	0	0	0	0	12	0	0	0	0
GEORGE WASHINGTON UNIV	23,640	0	94	2,513	696	438	95	16,181	0	2,486	1,037	100
GEORGETOWN UNIVERSITY	20,046	174	37	2,032	201	77	352	14,633	0	22	778	1,740
HAHNEMANN UNIVERSITY	7,576	0	0	381	0	0	0	7,129	0	0	66	0
HARVARD UNIVERSITY	123,301	115	103	7,108	199	3,964	781	89,621	56	4,020	15,312	2,022
HOFSTRA UNIVERSITY	395	0	0	0	113	0	0	0	0	75	207	0
HOWARD UNIVERSITY	9,173	4	60	201	489	130	146	5,320	0	827	1,996	0
ILLINOIS INST OF TECH	3,320	0	0	241	0	604	410	1,114	0	23	928	0
INSTITUTE PAPER CHEMISTRY	70	0	0	0	0	70	0	0	0	0	0	0
JOHNS HOPKINS UNIVERSITY	374,656	40	372	225,522	358	2,957	552	132,088	0	3,496	7,804	1,467
KIRKSVILLE COL OSTEO MED	228	0	0	0	0	0	78	150	0	0	0	0
LEHIGH UNIVERSITY	8,966	117	268	1,916	105	1,668	0	1,335	0	426	3,131	0
LINCOLN UNIVERSITY (CAL)	192	0	0	0	0	0	0	0	0	0	0	192
LOMA LINDA UNIVERSITY	2,227	0	0	30	0	0	0	2,195	0	0	2	0
LONG ISLAND UNIVERSITY	951	0	0	0	0	0	0	195	0	0	756	0
LOYOLA UNIV - CHICAGO	4,768	0	0	83	70	0	123	4,381	0	0	111	0
MARQUETTE UNIVERSITY	1,322	105	50	0	0	75	3	428	0	71	590	0
MASS INST OF TECHNOLOGY	187,623	411	2,072	45,397	248	44,323	290	45,949	788	12,069	35,710	366
MASS SCH OF PROF PSYCH	84	0	0	0	0	0	0	0	0	0	0	84
MEDICAL COLLEGE OF WIS	16,155	0	0	0	0	0	8	15,704	0	138	305	0
MEHARRY MEDICAL COLLEGE	5,197	0	0	440	0	75	0	2,468	0	0	2,214	0
MERCER UNIVERSITY	538	0	0	0	44	0	0	360	0	0	134	0
MOREHOUSE SCHOOL OF MED	2,188	0	0	0	0	0	68	2,120	0	0	0	0
NEW SCH FOR SOC RESEARCH	468	0	0	0	0	0	0	468	0	0	0	0
NEW YORK INST TECHNOLOGY	463	0	0	112	0	0	0	129	0	0	222	0
NEW YORK MEDICAL COLLEGE	11,513	0	0	0	0	98	0	11,355	0	0	60	0
NEW YORK UNIVERSITY	75,966	0	0	4,734	555	6,442	955	50,596	0	690	7,066	4,928
NORTHEASTERN UNIVERSITY	8,211	0	0	2,679	319	154	32	2,876	0	181	1,899	71
NORTHWESTERN UNIVERSITY	53,061	59	49	4,306	1,580	2,912	48	32,314	0	709	10,989	95
NOVA UNIVERSITY	645	0	0	200	0	0	0	99	0	0	346	0
ORAL ROBERTS UNIVERSITY	416	0	0	0	0	0	0	416	0	0	0	0
OREGON GRADUATE CENTER	5,662	0	0	1,637	0	1,644	150	504	0	324	893	510
PACE UNIVERSITY	210	0	0	0	52	0	0	158	0	0	0	0
PHILA COL OF PHARM & SCI	69	0	0	0	0	0	0	69	0	0	0	0
POLYTECHNIC INST OF N Y	6,178	0	0	3,847	0	254	0	220	0	30	1,687	140
PONCE SCHOOL OF MEDICINE	250	0	0	0	0	0	0	250	0	0	0	0
PRINCETON UNIVERSITY	44,286	0	30	8,671	39	4,083	77	12,113	0	3,256	15,947	70
RENSSELAER POLYTECH INST	14,178	165	20	4,819	0	1,053	0	1,576	0	1,325	5,108	112
RICE UNIVERSITY	14,119	0	0	2,227	39	1,829	1,134	2,372	0	1,250	5,268	0
ROCKEFELLER UNIVERSITY	37,051	100	0	100	0	1,026	390	34,301	0	31	1,103	0
RUSH UNIVERSITY	1,533	0	0	0	0	0	0	1,533	0	0	0	0
SETON HALL UNIVERSITY	164	0	0	0	0	152	0	0	0	0	12	0
SMITH COLLEGE	465	0	0	0	52	0	159	151	0	0	103	0
SOUTHERN METHODIST UNIV	2,335	0	0	1,030	0	16	0	354	0	204	731	0
ST JOHN'S UNIVERSITY (NY)	311	0	0	0	0	0	0	311	0	0	0	0
ST LOUIS UNIVERSITY	10,389	0	0	160	26	0	0	9,223	230	45	575	130

SEE FOOTNOTES AT END OF TABLE.

TABLE B-23. — FEDERAL OBLIGATIONS TO PRIVATE UNIVERSITIES AND COLLEGES FOR RESEARCH AND DEVELOPMENT BY HIGHEST DEGREE GRANTED AND AGENCY: FISCAL YEAR 1987

CONTINUED

(DOLLARS IN THOUSANDS)

DOCTORATE-GRANTING INSTITUTIONS	TOTAL	USDA	COM	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
STANFORD UNIVERSITY	201,049	140	0	40,805	392	16,195	741	96,179	268	22,737	23,592	0
STEVENS INSTITUTE OF TECH	1,995	0	0	1,427	110	295	0	0	0	0	131	32
SYRACUSE UNIVERSITY	15,391	0	0	4,207	638	904	170	4,576	361	257	2,763	1,515
TEXAS CHRISTIAN UNIV	106	0	0	0	0	0	0	45	0	41	20	0
TEXAS COL OF OSTEO MED	2,005	0	0	0	0	0	0	2,005	0	0	0	0
THE MEDICAL COL OF PENNA	7,712	70	0	581	0	0	0	6,698	0	0	363	0
THE WRIGHT INSTITUTE	16	0	0	0	0	0	0	16	0	0	0	0
THOMAS JEFFERSON UNIV	15,076	0	0	960	122	88	0	13,831	0	0	74	1
TUFTS UNIVERSITY	36,241	10,399	0	370	259	1,129	2,722	19,521	0	41	1,800	0
TULANE UNIVERSITY	18,062	0	0	187	64	0	0	15,310	0	37	544	1,920
U CTRL DEL CARIBE ESC MED	684	0	0	0	0	0	0	684	0	0	0	0
U HLTH SCI/CHCGO MED SCH	3,292	50	0	130	0	0	0	3,112	0	0	0	0
UNION COLLEGE (NY)	267	0	0	0	54	0	0	0	0	6	207	0
UNIV OF PENNSYLVANIA	109,388	431	50	6,014	603	5,670	0	81,947	30	419	14,025	199
UNIV OF SOUTHERN CAL	104,395	0	754	35,070	26	1,160	79	55,274	266	1,823	9,864	79
UNIVERSITY OF CHICAGO	82,769	344	89	1,778	189	3,412	0	55,223	0	5,961	15,773	0
UNIVERSITY OF DAYTON	19,944	68	59	19,150	0	0	156	70	0	232	79	130
UNIVERSITY OF DENVER	5,227	0	0	1,150	13	293	0	1,962	0	601	1,208	0
UNIVERSITY OF DETROIT	160	0	0	0	0	0	0	152	0	0	8	0
UNIVERSITY OF MIAMI	49,547	0	1,077	3,965	301	235	0	35,675	0	733	7,489	72
UNIVERSITY OF NEW ENGLAND	1,867	0	0	1,790	0	0	0	77	0	0	0	0
UNIVERSITY OF NOTRE DAME	13,560	0	0	636	43	3,353	0	3,318	0	252	3,615	2,343
UNIVERSITY OF ROCHESTER	85,674	80	0	6,462	0	11,422	171	60,087	0	127	7,320	5
UNIVERSITY OF SANTA CLARA	685	0	0	0	0	0	0	0	0	457	228	0
UNIVERSITY OF THE PACIFIC	971	0	0	210	80	0	0	333	0	278	70	0
UNIVERSITY OF TULSA	834	0	0	80	24	133	0	68	0	0	529	0
VANDERBILT UNIVERSITY	54,653	102	0	3,742	1,441	430	0	44,596	0	1,543	2,729	70
VILLANOVA UNIVERSITY	482	0	0	0	0	0	77	230	0	106	69	0
WAKE FOREST UNIVERSITY	21,100	0	0	140	0	133	0	20,438	0	216	173	0
WASHINGTON UNIVERSITY	89,055	200	0	2,190	65	1,181	0	78,355	0	2,159	4,905	0
WESLEYAN UNIVERSITY	1,719	150	0	40	0	20	0	888	0	0	621	0
WOODS HOLE OCNGRPHIC INST	34,711	0	1,176	14,050	0	557	0	431	270	189	18,038	0
WORCESTER POLY INSTITUTE	1,540	0	0	0	0	10	0	464	0	261	805	0
YALE UNIVERSITY	132,909	414	0	9,697	285	7,781	200	103,543	0	656	10,333	0
YESHIVA UNIVERSITY	65,028	0	0	280	1,362	0	0	62,746	0	0	640	0

SEE FOOTNOTES AT END OF TABLE.

TABLE B-23. — FEDERAL OBLIGATIONS TO PRIVATE UNIVERSITIES AND COLLEGES FOR RESEARCH AND DEVELOPMENT BY HIGHEST DEGREE GRANTED AND AGENCY: FISCAL YEAR 1987

(DOLLARS IN THOUSANDS)

MASTER'S-GRANTING INSTITUTIONS	TOTAL	USDA	COM	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
ABILENE CHRISTIAN UNIV	55	0	0	0	0	55	0	0	0	0	0	0
ANDREWS UNIVERSITY	232	0	0	0	189	0	0	0	0	0	43	0
AUGUSTANA COLLEGE	63	0	0	0	0	0	0	0	0	0	63	0
BARRY UNIVERSITY	49	0	0	0	0	0	0	49	0	0	0	0
BRADLEY UNIVERSITY	18	0	0	0	0	0	0	0	0	18	0	0
BUCKNELL UNIVERSITY	265	0	0	0	0	0	0	104	0	0	161	0
BUTLER UNIVERSITY	811	0	0	0	0	0	495	64	252	0	0	0
CHAPMAN COLLEGE	165	0	0	0	89	0	0	76	0	0	0	0
COL OF THE HOLY CROSS	114	0	0	0	0	0	0	0	0	0	114	0
CONNECTICUT COLLEGE	158	0	0	0	0	118	0	0	0	0	40	0
DRAKE UNIVERSITY	113	0	0	0	90	0	0	0	0	0	23	0
EMERSON COLLEGE	73	0	0	0	73	0	0	0	0	0	0	0
FISK UNIVERSITY	443	0	0	0	0	99	0	0	0	194	0	150
FURMAN UNIVERSITY	294	0	0	0	0	20	0	0	0	27	247	0
GALLAUDET COLLEGE	1,050	0	0	0	504	0	0	411	0	0	135	0
HAMPTON INSTITUTE	1,729	0	100	50	131	134	0	0	20	934	360	0
HARVEY MUDD COLLEGE	557	0	0	0	0	0	0	71	0	189	297	0
HERITAGE COLLEGE	24	0	0	0	0	0	0	24	0	0	0	0
HOLY NAMES COLLEGE	2	0	0	0	0	0	0	0	0	0	2	0
INTER AM U PR-SAN GERMAN	58	0	0	0	58	0	0	0	0	0	0	0
IONA COLLEGE	41	0	0	41	0	0	0	0	0	0	176	0
ITHACA COLLEGE	176	0	0	0	0	0	0	0	0	45	43	0
JOHN CARROLL UNIVERSITY	88	0	0	0	0	0	0	0	0	0	0	0
JOHN F KENNEDY UNIVERSITY	185	0	0	0	185	0	0	0	0	26	24	0
LOYOLA COLLEGE	70	0	0	20	0	0	0	0	0	0	0	0
LOYOLA MARYMOUNT UNIV	111	0	0	0	0	0	0	111	0	0	0	0
MANHATTAN COLLEGE	200	0	0	0	0	27	0	144	0	29	0	0
MARIST COLLEGE	9	0	0	0	0	0	0	0	0	0	9	0
MIDDLEBURY COLLEGE	88	0	0	0	30	0	0	0	0	29	29	0
MOUNT HOLYOKE COLLEGE	74	0	0	0	0	31	0	0	0	0	43	0
NORWICH UNIVERSITY	83	0	0	0	0	0	0	50	0	0	33	0
OBERLIN COLLEGE	160	0	0	0	0	0	0	0	0	0	160	0
OCCIDENTAL COLLEGE	142	0	0	0	0	0	0	72	0	0	70	0
PACIFIC LUTHERAN UNIV	75	0	0	0	0	0	0	65	0	0	10	0
PEPPERDINE UNIVERSITY	12	0	0	0	0	0	0	0	0	0	12	0
PHILLIPS UNIVERSITY	75	0	0	0	75	0	0	0	0	0	0	0
PRATT INSTITUTE	38	0	0	0	0	0	0	0	0	0	0	38
QUINNIPIAC COLLEGE	227	0	0	0	0	0	0	227	0	0	0	0
RIDER COLLEGE	95	0	0	0	0	0	0	73	0	0	22	0
ROCHESTER INST TECHNOLOGY	2,485	0	0	1,180	1,181	0	0	0	0	53	71	0
SARAH LAWRENCE COLLEGE	19	0	0	0	19	0	0	0	0	0	0	0
SEATTLE UNIVERSITY	10	0	0	10	0	0	0	0	0	0	0	0
ST JOSEPH COLLEGE	110	0	0	0	0	0	0	25	0	0	85	0
ST JOSEPH'S UNIVERSITY	212	0	0	140	0	0	0	0	0	0	72	0
ST MARY'S COLLEGE	156	90	0	0	66	0	0	0	0	0	0	0
SWARTHMORE COLLEGE	568	0	0	0	0	0	0	101	0	0	467	0
TRINITY COLLEGE	221	0	0	0	0	0	0	172	0	0	49	0
TRINITY UNIVERSITY	410	0	0	0	0	0	0	92	0	0	318	0
TUSKEGEE INSTITUTE	3,027	1,268	0	440	77	200	0	161	0	786	75	20
UNIV OF SAN FRANCISCO	373	0	0	120	0	0	0	0	0	253	0	0
UNIVERSITY OF EVANSVILLE	13	0	0	0	0	0	0	0	0	13	0	0
UNIVERSITY OF HARTFORD	124	0	0	0	0	0	0	67	0	0	57	0
UNIVERSITY OF PORTLAND	122	0	0	0	0	0	38	0	0	0	84	0
UNIVERSITY OF PUGET SOUND	25	0	0	0	0	0	0	0	25	0	0	0
UNIVERSITY OF REDLANDS	50	0	0	0	0	0	0	0	0	50	0	0
UNIVERSITY OF RICHMOND	27	0	0	0	0	0	0	0	0	21	6	0
UNIVERSITY OF SAN DIEGO	210	0	0	0	0	0	0	164	0	0	46	0
VALPARAISO UNIVERSITY	103	0	0	0	0	95	0	0	0	8	0	0
VASSAR COLLEGE	574	0	0	0	0	0	0	441	0	0	133	0
WALLA WALLA COLLEGE	25	0	0	0	0	0	0	25	0	0	0	0
WESTERN NEW ENGLAND COL	50	0	0	0	0	0	0	0	0	50	0	0
WIDENER UNIVERSITY	29	0	0	0	29	0	0	0	0	0	0	0
WILKES COLLEGE	64	0	0	0	64	0	0	0	0	0	0	0
WILLIAMS COLLEGE	268	0	0	0	0	0	0	103	0	0	165	0

SEE FOOTNOTES AT END OF TABLE.

TABLE B-23. — FEDERAL OBLIGATIONS TO PRIVATE UNIVERSITIES AND COLLEGES FOR RESEARCH AND DEVELOPMENT BY HIGHEST DEGREE GRANTED AND AGENCY: FISCAL YEAR 1987

(DOLLARS IN THOUSANDS)

BACHELOR'S-GRANTING INSTITUTIONS	TOTAL	USDA	COM	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
ALVERNO COLLEGE	46	0	0	0	46	0	0	0	0	0	0	0
AMHERST COLLEGE	896	270	30	0	0	0	0	417	0	0	179	0
ARKANSAS COLLEGE	8	0	0	0	0	0	0	0	0	8	0	0
AUGSBURG COLLEGE	4	0	0	0	0	0	0	0	0	0	4	0
AUGUSTANA COLLEGE	40	0	0	0	0	0	0	0	0	0	40	0
BABSON COLLEGE	100	0	100	0	0	0	0	0	0	0	0	0
BARNARD COLLEGE	489	0	0	0	0	0	0	434	0	0	55	0
BATES COLLEGE	61	0	0	0	0	0	0	0	0	0	61	0
BEAVER COLLEGE	31	0	0	0	0	0	0	0	0	0	31	0
BELLARMINE COLLEGE	49	0	0	0	0	0	0	0	0	0	49	0
BELOIT COLLEGE	118	0	0	0	0	0	0	0	0	48	70	0
BENEDICT COLLEGE	25	0	0	0	0	0	0	0	0	0	0	25
BENEDICTINE COLLEGE	31	0	0	0	0	0	0	0	0	0	31	0
BENNETT COLLEGE (NC)	40	0	0	0	0	0	0	40	0	0	0	0
BENNINGTON COLLEGE	15	0	0	0	0	0	0	0	0	15	0	0
BEREA COLLEGE	54	5	0	0	0	0	0	0	0	0	49	0
BETHEL COLLEGE & SEMINARY	6	0	0	0	0	0	0	0	0	0	6	0
BIRMINGHAM SOUTHERN COL	50	0	0	0	0	0	0	50	0	0	0	0
BISHOP COLLEGE	64	0	0	0	0	0	0	64	0	0	0	0
BOWDOIN COLLEGE	124	0	0	0	0	0	0	78	0	0	46	0
CALVIN COLLEGE	115	0	0	0	0	0	0	0	0	0	115	0
CANISIUS COLLEGE	51	0	0	0	0	0	0	0	0	0	51	0
CARDINAL STRITCH COLLEGE	16	0	0	0	0	0	0	16	0	0	0	0
CARLETON COLLEGE	312	145	0	0	0	0	0	0	0	0	167	0
CLAFLIN COLLEGE	52	0	0	0	0	52	0	0	0	0	0	0
CLARK COLLEGE	92	0	0	0	0	92	0	0	0	0	0	0
COE COLLEGE	47	0	0	0	0	0	0	0	0	0	47	0
COL MT ST JOSEPH-ON-OHIO	50	0	0	0	0	0	0	50	0	0	0	0
COLBY COLLEGE	33	0	0	0	0	0	0	0	0	25	8	0
COLGATE UNIVERSITY	382	0	0	0	0	0	0	0	0	0	382	0
COLLEGE OF ST CATHERINE	6	0	0	0	6	0	0	0	0	0	0	0
COLLEGE OF WOOSTER	61	0	0	0	0	0	0	29	0	0	32	0
COLORADO COLLEGE	24	0	0	0	4	0	0	0	0	0	20	0
DAVIDSON COLLEGE	186	0	0	0	0	0	0	158	0	0	28	0
DENISON UNIVERSITY	128	0	0	0	79	37	0	0	0	0	12	0
DICKINSON COLLEGE	103	0	0	0	75	0	0	0	0	0	28	0
DILLARD UNIVERSITY	41	41	0	0	0	0	0	0	0	0	0	0
DRURY COLLEGE	27	0	0	0	0	0	0	27	0	0	0	0
ECKERD COLLEGE	15	0	0	0	0	0	0	0	0	15	0	0
EMBRY-RIDDLE AERO UNIV	48	0	0	0	0	0	0	0	0	48	0	0
EMMANUEL COLLEGE	1,310	0	0	1,310	0	0	0	0	0	0	0	0
FRANKLIN & MARSHALL COL	464	0	0	0	0	0	0	122	0	0	342	0
GONZAGA UNIVERSITY	168	0	0	0	103	0	0	0	0	25	40	0
GRINNELL COLLEGE	45	0	0	0	0	0	0	0	0	0	45	0
HAMILTON COLLEGE	393	0	0	0	0	0	0	242	0	0	151	0
HAMPSHIRE COLLEGE	46	0	0	0	0	0	0	13	0	0	33	0
HAVERFORD COLLEGE	459	0	0	0	0	0	0	72	0	0	387	0
HENDRIX COLLEGE	43	0	0	0	0	0	0	0	0	0	43	0
HOPE COLLEGE	454	0	0	0	0	0	0	154	0	0	300	0
ILLINOIS COL OF OPTOMETRY	148	0	0	0	0	0	0	148	0	0	0	0
JOHN BROWN UNIVERSITY	10	0	0	0	0	0	0	10	0	0	0	0
JUNIATA COLLEGE	13	0	0	0	0	0	0	0	0	0	13	0
KALAMAZOO COLLEGE	53	0	0	0	0	0	0	53	0	0	0	0
KENYON COLLEGE	161	0	0	0	0	0	0	67	0	35	59	0
KING COLLEGE (TENN)	22	0	0	0	0	0	0	0	0	0	22	0
KNOX COLLEGE	153	0	0	0	0	0	0	153	0	0	0	0
KNOXVILLE COLLEGE	7	0	0	0	0	7	0	0	0	0	0	0
LAFAYETTE COLLEGE	225	0	0	0	0	0	0	0	0	0	225	0
LE MOYNE-OWEN COLLEGE	13	0	0	0	0	0	0	0	0	0	13	0
LEWIS & CLARK COLLEGE	76	0	0	0	0	0	53	0	0	0	23	0
MACALESTER COLLEGE	150	0	0	0	0	0	0	0	0	0	150	0
MAHARISHI INTL UNIVERSITY	202	0	0	0	0	0	0	171	0	0	31	0
MANHATTANVILLE COLLEGE	40	0	0	0	0	0	0	40	0	0	0	0
MARS HILL COLLEGE	53	0	0	0	0	0	0	53	0	0	0	0
MARYMOUNT MANHATTAN COL	5	0	0	0	5	0	0	0	0	0	0	0
MILLS COLLEGE	138	0	0	0	0	0	0	74	0	0	55	9
MORAVIAN COLLEGE	10	0	0	0	0	0	0	0	0	0	10	0
MOREHOUSE COLLEGE	43	0	0	0	0	0	0	0	39	0	4	0
MOUNT ST MARY'S COLLEGE	28	0	0	0	0	0	0	0	0	0	28	0
MUSKINGUM COLLEGE	109	0	0	0	109	0	0	0	0	0	0	0
N E COL OF OPTOMETRY	49	0	0	0	0	0	0	49	0	0	0	0
N Y COL OF PODIATRIC MED	31	0	0	0	0	0	0	31	0	0	0	0
NAES COLLEGE	103	0	0	0	103	0	0	0	0	0	0	0
NOTRE DAME COLLEGE (OH)	172	0	0	0	0	0	0	0	172	0	0	0
OAKWOOD COLLEGE	75	0	0	0	0	0	0	75	0	0	0	0
OHIO WESLEYAN UNIVERSITY	37	0	0	0	0	0	0	37	0	0	0	0
OTTAWA UNIVERSITY	52	0	0	0	0	0	0	0	0	0	52	0
OUACHITA BAPTIST UNIV	82	0	0	80	0	0	2	0	0	0	0	0
PAINE COLLEGE	44	0	0	0	0	0	0	44	0	0	0	0
PENNSYLVANIA COL OPTOMET	818	0	0	0	372	0	0	336	0	40	70	0
PHILA COL OF TEXT & SCI	30	0	0	30	0	0	0	0	0	0	0	0
PITZER COLLEGE	194	0	0	0	0	0	0	164	0	30	0	0
POINT LOMA COLLEGE	6	0	0	0	0	0	0	0	0	0	6	0
POMONA COLLEGE	526	0	0	0	0	0	0	142	0	0	384	0
RADCLIFFE COLLEGE	297	0	0	142	0	0	0	155	0	0	0	0
RANDOLPH-MACON COLLEGE	15	0	0	0	0	0	0	0	0	0	15	0
REED COLLEGE	394	0	0	0	0	0	0	332	0	0	62	0
REGIS COLLEGE	470	0	0	470	0	0	0	0	0	0	0	0
RIPON COLLEGE	17	0	0	0	0	0	0	0	0	0	17	0

SEE FOOTNOTES AT END OF TABLE.

TABLE B-23. — FEDERAL OBLIGATIONS TO PRIVATE UNIVERSITIES AND COLLEGES FOR RESEARCH AND DEVELOPMENT BY HIGHEST DEGREE GRANTED AND AGENCY: FISCAL YEAR 1987

CONTINUED

(DOLLARS IN THOUSANDS)

BACHELOR'S-GRANTING INSTITUTIONS	TOTAL	USDA	CON	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
RUST COLLEGE	55	0	0	0	0	0	0	55	0	0	0	0
SALVE REGINA COLLEGE	806	0	0	0	0	0	806	0	0	0	0	0
SETON HILL COLLEGE	80	0	0	0	0	0	0	0	0	0	80	0
SIENA COLLEGE	44	0	0	0	0	0	0	0	0	0	44	0
SIMMONS COLLEGE	351	0	0	0	0	0	0	351	0	0	0	0
SOUTHERN COL OF OPTOMETRY	55	0	0	0	0	0	0	55	0	0	0	0
SOUTHWESTERN UNIV (TX)	9	0	0	0	0	0	0	0	0	0	9	0
SPELMAN COLLEGE	215	0	0	80	0	0	0	0	0	97	38	0
ST EDWARD'S UNIVERSITY	20	0	0	0	0	0	0	20	0	0	0	0
ST JOHN FISHER COLLEGE	70	0	0	0	0	70	0	0	0	0	0	0
ST JOHN'S UNIVERSITY	10	0	0	0	0	0	0	10	0	0	0	0
ST MARY COLLEGE	271	0	0	0	8	0	0	0	0	0	263	0
ST MARY'S COLLEGE	4	0	0	0	0	0	0	0	0	0	4	0
ST NORBERT COLLEGE	12	0	0	0	0	0	0	0	0	12	0	0
ST OLAF COLLEGE	289	0	0	0	103	0	0	99	0	0	87	0
SWEET BRIAR COLLEGE	27	0	0	0	0	0	0	0	0	0	27	0
TEXAS LUTHERAN COLLEGE	17	0	0	0	0	0	0	17	0	0	0	0
THIEL COLLEGE	75	0	0	0	75	0	0	0	0	0	0	0
TRI-STATE UNIVERSITY	20	0	0	0	0	0	0	0	0	20	0	0
UNIV OF THE SACRED HEART	237	0	0	0	201	0	0	0	0	0	36	0
VOORHEES COLLEGE	48	0	0	0	0	48	0	0	0	0	0	0
WARTBURG COLLEGE	23	0	0	0	0	0	0	0	0	0	23	0
WASHINGTON & LEE UNIV	47	0	0	0	0	0	0	0	0	0	47	0
WEBB INST OF NAVAL ARCH	46	0	0	0	0	0	0	0	0	0	0	46
WELLESLEY COLLEGE	1,029	0	0	0	0	0	0	755	0	0	274	0
WELLS COLLEGE	48	0	0	0	0	0	0	48	0	0	0	0
WENTWORTH INST OF TECH	1,670	0	0	1,670	0	0	0	0	0	0	0	0
WESTERN MARYLAND COLLEGE	47	0	0	0	24	0	0	0	0	0	23	0
WESTMINSTER COLLEGE (PA)	117	0	0	0	0	0	0	0	0	0	117	0
WESTMONT COLLEGE	25	0	0	0	0	0	0	0	0	0	25	0
WHEATON COLLEGE	105	0	0	0	0	0	0	65	0	20	20	0
WITTENBERG UNIVERSITY	17	0	0	0	0	0	0	0	0	17	0	0
XAVIER UNIVERSITY OF LA	210	0	100	90	0	0	0	20	0	0	0	0

SEE FOOTNOTES AT END OF TABLE.

TABLE B-23. — FEDERAL OBLIGATIONS TO PRIVATE UNIVERSITIES AND COLLEGES FOR RESEARCH AND DEVELOPMENT BY HIGHEST DEGREE GRANTED AND AGENCY: FISCAL YEAR 1987

(DOLLARS IN THOUSANDS)

NO SCIENCE DEGREE INSTITUTIONS	TOTAL	USDA	CON	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
ARLINGTON BAPTIST COLL	72	0	0	0	72	0	0	0	0	0	0	0
BANK STREET COL OF ED	75	0	0	0	75	0	0	0	0	0	0	0
BROOKLYN LAW SCHOOL	140	0	0	0	140	0	0	0	0	0	0	0
CARIBE UNIVERSITY	684	0	0	0	0	0	0	684	0	0	0	0
COLLEGE OF THE ATLANTIC	49	0	8	0	14	0	0	0	27	0	0	0
LAWRENCE UNIVERSITY	31	0	0	0	0	0	0	31	0	0	0	0
LESLEY COLLEGE	313	0	0	0	311	0	0	0	0	0	2	0
SELMA UNIVERSITY	141	0	0	0	0	141	0	0	0	0	0	0
ST JOHN'S COLLEGE (MD)	43	0	0	0	25	0	0	0	0	18	0	0
STHRN CAL INST OF ARCH	57	0	0	0	0	0	0	0	0	57	0	0
WHEELOCK COLLEGE	25	0	0	0	0	0	0	25	0	0	0	0
AMARILLO COLLEGE	113	0	0	0	113	0	0	0	0	0	0	0
ATLANTA UNIVERSITY CENTER	124	0	0	0	0	124	0	0	0	0	0	0
DEEP SPRINGS COLLEGE	8	0	0	0	0	0	0	0	0	0	8	0
HILBERT COLLEGE	17	0	0	0	17	0	0	0	0	0	0	0
MOUNT ALOYSIUS JUNIOR COL	52	0	0	0	52	0	0	0	0	0	0	0
SALISH KOOTENAI CNTY COL	113	0	0	0	113	0	0	0	0	0	0	0
ST AUGUSTINE CNTY COLL	80	0	0	0	80	0	0	0	0	0	0	0
STANDING ROCK COLLEGE	179	0	0	0	179	0	0	0	0	0	0	0

1/ INCLUDES DOT, AID, HUD, LABOR, AND NRC.

SOURCE: NATIONAL SCIENCE FOUNDATION, SRS

TABLE B-24. — FEDERAL OBLIGATIONS FOR RESEARCH AND DEVELOPMENT TO HISTORICALLY BLACK COLLEGES, RANKED IN DESCENDING ORDER OF TOTAL AMOUNT RECEIVED: FISCAL YEARS 1980-87 1/

(DOLLARS IN THOUSANDS)

RANK	INSTITUTION (RANKED BY AMOUNT RECEIVED IN FISCAL YEAR 1987)	1980	1981	1982	1983	1984	1985	1986	1987
	TOTAL, ALL INSTITUTIONS	36,503	39,809	40,463	49,102	50,321	56,593	57,042	62,953
1	HOWARD UNIVERSITY	7,194	7,996	8,023	8,777	8,807	13,733	9,497	9,173
2	MEHARRY MEDICAL COLLEGE	1,151	1,072	980	1,791	1,335	2,641	3,024	5,197
3	ALABAMA A & M UNIVERSITY	1,787	1,640	1,485	1,730	2,632	2,488	2,660	3,580
4	NC AG & TECH STATE UNIV	2,157	2,964	2,606	3,789	3,609	3,191	3,620	3,421
5	TUSKEGEE INSTITUTE	2,620	1,812	1,836	3,515	3,021	2,524	3,021	3,027
6	TENNESSEE STATE UNIV	1,384	1,611	1,831	1,903	2,443	2,235	2,307	2,849
7	ATLANTA UNIVERSITY	503	991	1,004	1,747	1,586	3,220	3,283	2,594
8	FLORIDA A & M UNIVERSITY	859	1,120	1,160	1,301	1,725	2,633	2,368	2,526
9	PRAIRIE VIEW A & M UNIV	1,672	1,860	1,929	2,911	2,696	2,257	2,308	2,345
10	MOREHOUSE SCHOOL OF MED	-	-	-	315	733	335	1,628	2,188
	TOTAL 1ST 10 INSTITUTIONS	19,327	21,066	20,854	27,779	28,587	35,257	33,716	36,900
11	VIRGINIA STATE UNIVERSITY	1,242	1,198	1,285	1,754	1,426	1,769	1,863	1,906
12	KENTUCKY STATE UNIVERSITY	1,510	1,772	1,510	1,580	1,637	1,612	1,638	1,848
13	JACKSON STATE UNIVERSITY	528	825	929	1,075	939	435	1,279	1,827
14	HAMPTON INSTITUTE	596	498	629	998	992	1,160	1,326	1,729
15	SOUTHERN U & A&M COLLEGE	1,305	1,238	1,101	1,659	1,732	1,286	1,805	1,710
16	TEXAS SOUTHERN UNIV	337	72	296	222	760	304	1,415	1,511
17	LINCOLN UNIVERSITY (MO)	1,174	1,229	1,395	1,477	1,515	1,548	1,452	1,447
18	FORT VALLEY STATE COLLEGE	1,391	1,487	1,606	1,681	1,828	1,841	1,753	1,432
19	ALCORN STATE UNIVERSITY	1,196	1,220	1,312	1,382	1,365	1,191	1,348	1,338
20	SOUTH CAROLINA ST COLLEGE	924	1,025	1,091	1,137	1,188	996	1,112	1,189
	TOTAL 1ST 20 INSTITUTIONS	29,530	31,630	32,008	40,744	41,969	47,399	48,707	52,837
21	UNIV OF ARK PINE BLUFF	1,044	993	1,148	1,124	1,185	1,236	1,157	1,166
22	U OF MD EASTERN SHORE	891	1,006	806	1,325	762	779	776	1,152
23	LANGSTON UNIVERSITY	806	872	973	1,016	1,034	885	1,073	1,100
24	COL OF THE VIRGIN ISLANDS	650	878	890	1,067	599	931	916	1,026
25	MISS VALLEY STATE UNIV	49	0	0	0	31	0	0	828
26	UNIVERSITY OF D C	788	815	1,106	636	818	776	749	756
27	MORGAN STATE UNIVERSITY	172	306	312	760	372	813	274	517
28	DELAWARE STATE COLLEGE	423	1,031	455	491	508	455	441	461
29	FISK UNIVERSITY	65	107	62	90	384	264	934	443
30	LINCOLN UNIVERSITY (PA)	140	53	65	0	357	417	360	351
	TOTAL 1ST 30 INSTITUTIONS	34,558	37,691	37,825	47,253	48,019	53,955	55,387	60,637
31	NORTH CAROLINA CNTRL UNIV	331	572	201	75	141	534	0	344
32	GRAMBLING STATE UNIV	34	45	0	117	10	102	124	251
33	SPELMAN COLLEGE	70	52	27	0	204	129	33	215
34	XAVIER UNIVERSITY OF LA	98	29	139	12	149	130	90	210
35	NORFOLK STATE UNIVERSITY	56	25	0	83	114	35	82	143
36	SELMA UNIVERSITY	0	0	0	34	0	0	0	141
37	BOWIE STATE COLLEGE	78	125	110	112	150	300	70	130
38	ALBANY STATE COLLEGE	24	0	750	0	0	0	0	97
39	CLARK COLLEGE	280	86	25	220	167	90	80	92
40	WINSTON-SALEM STATE UNIV	0	0	0	0	0	92	112	91
	TOTAL 1ST 40 INSTITUTIONS	35,529	38,625	39,077	47,906	48,954	55,367	55,978	62,351
41	ALABAMA STATE UNIVERSITY	0	0	0	104	168	0	48	76
42	OAKWOOD COLLEGE	0	0	0	75	118	0	75	75
43	BISHOP COLLEGE	88	83	42	30	32	0	0	64
44	RUST COLLEGE	0	0	0	0	43	90	53	55
45	CLAFLIN COLLEGE	31	0	21	0	0	0	48	52
46	VOORHEES COLLEGE	0	50	0	0	0	0	85	48
47	PAINE COLLEGE	0	0	0	0	0	0	0	44
48	MOREHOUSE COLLEGE	233	653	685	546	313	558	392	43
49	DILLARD UNIVERSITY	0	0	0	10	100	93	27	41
50	BENNETT COLLEGE (NC)	0	0	0	0	0	0	0	40
	TOTAL 1ST 50 INSTITUTIONS	35,881	39,411	39,825	48,671	49,728	56,108	56,703	62,889

SEE FOOTNOTES AT END OF TABLE.

TABLE B-24. — FEDERAL OBLIGATIONS FOR RESEARCH AND DEVELOPMENT TO HISTORICALLY BLACK COLLEGES, RANKED IN DESCENDING ORDER OF TOTAL AMOUNT RECEIVED: FISCAL YEARS 1980-87 1/

CONTINUED

(DOLLARS IN THOUSANDS)

RANK	INSTITUTION (RANKED BY AMOUNT RECEIVED IN FISCAL YEAR 1987)	1980	1981	1982	1983	1984	1985	1986	1987
51	BENEDICT COLLEGE	89	0	0	0	406	224	151	25
52	SAVANNAH STATE COLLEGE	23	93	71	0	0	0	0	19
53	LE MOYNE-OWEN COLLEGE	38	0	0	0	0	0	0	13
54	KNOXVILLE COLLEGE	0	0	0	0	0	0	7	7
	BARBER-SCOTIA COLLEGE	0	77	0	0	0	0	0	0
	BETHUNE COOKMAN COLLEGE	21	0	0	0	0	20	0	0
	CENTRAL STATE UNIVERSITY	0	0	169	72	52	106	0	0
	COAHOMA JUNIOR COLLEGE	0	0	0	50	0	0	0	0
	COPPIN STATE COLLEGE	49	32	114	20	85	0	0	0
	EDWARD WATERS COLLEGE	30	0	50	55	0	0	0	0
TOTAL 1ST	60 INSTITUTIONS	36,131	39,613	40,229	48,868	50,271	56,458	56,861	62,953
	FAYETTEVILLE STATE UNIV	0	0	58	0	0	0	0	0
	FLORIDA MEMORIAL COLLEGE	50	0	0	72	0	0	0	0
	LANE COLLEGE	0	0	0	1	0	0	0	0
	LANSON STATE CMTY COLLEGE	25	0	0	0	0	0	0	0
	LIVINGSTONE COLLEGE	64	0	0	0	0	0	0	0
	MORRIS BROWN COLLEGE	55	83	46	0	0	14	0	0
	PRENTISS NORM & IND INST	0	0	0	97	0	0	0	0
	SHAW COLLEGE AT DETROIT	0	0	0	64	0	0	0	0
	SHAW UNIVERSITY	0	1	0	0	0	0	85	0
	ST AUGUSTINES COLLEGE	0	62	100	0	50	0	0	0
TOTAL 1ST	70 INSTITUTIONS	36,325	39,759	40,433	49,102	50,321	56,472	56,946	62,953
	TALLADEGA COLLEGE	100	0	30	0	0	0	0	0
	TOUGALOO COLLEGE	0	50	0	0	0	75	96	0
	U DC GA AVE & HARV ST CAM	-	-	-	-	0	46	0	0
	VIRGINIA UNION UNIVERSITY	68	0	0	0	0	0	0	0
	WILBERFORCE UNIVERSITY	10	0	0	0	0	0	0	0
TOTAL 1ST	75 INSTITUTIONS	36,503	39,809	40,463	49,102	50,321	56,593	57,042	62,953

1/ INSTITUTIONS HAVING NO CURRENT YEAR OBLIGATIONS ARE LISTED IN ALPHABETICAL ORDER.

SOURCE: NATIONAL SCIENCE FOUNDATION, SRS

TABLE B-25. — FEDERAL OBLIGATIONS FOR RESEARCH AND DEVELOPMENT TO HISTORICALLY BLACK COLLEGES, RANKED IN DESCENDING ORDER OF TOTAL AMOUNT RECEIVED, BY AGENCY: FISCAL YEAR 1987

(DOLLARS IN THOUSANDS)

RANK	INSTITUTION (RANKED BY AMOUNT RECEIVED)	TOTAL	USDA	CON	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER
	TOTAL, ALL INSTITUTIONS	62,953	24,017	459	2,928	1,569	3,361	306	14,655	345	6,684	7,973	6
1	HOWARD UNIVERSITY	9,173	4	60	201	489	130	146	5,320	0	827	1,996	
2	MEHARRY MEDICAL COLLEGE	5,197	0	0	440	0	75	0	2,468	0	0	2,214	
3	ALABAMA A & M UNIVERSITY	3,580	1,366	0	100	77	386	0	73	0	1,293	285	
4	NC AG & TECH STATE UNIV	3,421	2,058	0	142	203	194	0	125	0	258	237	2
5	TUSKEGEE INSTITUTE	3,027	1,268	0	440	77	200	0	161	0	786	75	
6	TENNESSEE STATE UNIV	2,849	1,521	0	0	52	0	0	818	0	178	280	
7	ATLANTA UNIVERSITY	2,594	16	80	779	52	289	0	1,007	0	371	0	
8	FLORIDA A & M UNIVERSITY	2,526	947	0	152	65	182	0	1,065	0	94	21	
9	PRAIRIE VIEW A & M UNIV	2,345	2,045	0	0	0	0	0	0	0	225	75	
10	MOREHOUSE SCHOOL OF MED	2,188	0	0	0	0	0	68	2,120	0	0	0	
	TOTAL 1ST 10 INSTITUTIONS	36,900	9,225	140	2,254	1,015	1,456	214	13,157	0	4,032	5,183	2
11	VIRGINIA STATE UNIVERSITY	1,906	1,316	0	0	0	19	0	0	0	211	360	
12	KENTUCKY STATE UNIVERSITY	1,848	1,628	0	0	0	0	0	0	0	0	220	
13	JACKSON STATE UNIVERSITY	1,827	13	0	82	0	930	0	42	0	151	521	
14	HAMPTON INSTITUTE	1,729	0	100	50	131	134	0	0	20	934	360	
15	SOUTHERN U & A&M COLLEGE	1,710	1,096	0	0	0	52	0	0	0	337	225	
16	TEXAS SOUTHERN UNIV	1,511	0	0	0	129	101	0	930	0	16	335	
17	LINCOLN UNIVERSITY (MO)	1,447	1,447	0	0	0	0	0	0	0	0	0	
18	FORT VALLEY STATE COLLEGE	1,432	1,388	0	0	0	0	0	44	0	0	0	
19	ALCORN STATE UNIVERSITY	1,338	1,338	0	0	0	0	0	0	0	0	0	
20	SOUTH CAROLINA ST COLLEGE	1,189	1,112	0	0	77	0	0	0	0	0	0	
	TOTAL 1ST 20 INSTITUTIONS	52,837	18,563	240	2,386	1,352	2,692	214	14,173	20	5,681	7,204	3
21	UNIV OF ARK PINE BLUFF	1,166	1,108	0	0	0	0	0	0	0	58	0	
22	U OF MD EASTERN SHORE	1,152	741	0	0	26	0	0	0	25	0	360	
23	LANGSTON UNIVERSITY	1,100	1,051	0	0	0	0	0	0	49	0	0	
24	COL OF THE VIRGIN ISLANDS	1,026	824	0	0	0	0	0	0	105	0	97	
25	MISS VALLEY STATE UNIV	828	728	100	0	0	0	0	0	0	0	0	
26	UNIVERSITY OF D C	756	471	0	120	0	0	0	0	107	49	9	
27	MORGAN STATE UNIVERSITY	517	0	0	0	0	0	0	0	0	367	75	
28	DELAWARE STATE COLLEGE	461	461	0	0	0	0	0	0	0	0	0	
29	FISK UNIVERSITY	443	0	0	0	0	99	0	0	0	194	0	1
30	LINCOLN UNIVERSITY (PA)	351	0	0	190	0	0	67	0	0	0	0	
	TOTAL 1ST 30 INSTITUTIONS	60,637	23,947	340	2,696	1,378	2,791	281	14,173	306	6,349	7,745	6
31	NORTH CAROLINA CNTRL UNIV	344	29	0	62	103	63	25	62	0	0	0	
32	GRAMBLING STATE UNIV	251	0	0	0	88	138	0	25	0	0	0	
33	SPELMAN COLLEGE	215	0	0	80	0	0	0	0	0	97	38	
34	XAVIER UNIVERSITY OF LA	210	0	100	90	0	0	0	20	0	0	0	
35	NORFOLK STATE UNIVERSITY	143	0	0	0	0	0	0	35	0	108	0	
36	SELMA UNIVERSITY	141	0	0	0	0	141	0	0	0	0	0	
37	BOWIE STATE COLLEGE	130	0	0	0	0	0	0	0	0	130	0	
38	ALBANY STATE COLLEGE	97	0	0	0	0	0	0	0	0	0	97	
39	CLARK COLLEGE	92	0	0	0	0	92	0	0	0	0	0	
40	WINSTON-SALEM STATE UNIV	91	0	0	0	0	29	0	62	0	0	0	
	TOTAL 1ST 40 INSTITUTIONS	62,351	23,976	440	2,928	1,569	3,254	306	14,377	306	6,684	7,880	6
41	ALABAMA STATE UNIVERSITY	76	0	0	0	0	0	0	0	0	0	76	
42	OAKWOOD COLLEGE	75	0	0	0	0	0	0	75	0	0	0	
43	BISHOP COLLEGE	64	0	0	0	0	0	0	64	0	0	0	
44	RUST COLLEGE	55	0	0	0	0	0	0	55	0	0	0	
45	CLAFLIN COLLEGE	52	0	0	0	0	52	0	0	0	0	0	
46	VOORHEES COLLEGE	48	0	0	0	0	48	0	0	0	0	0	
47	PAINE COLLEGE	44	0	0	0	0	0	0	44	0	0	0	
48	MOREHOUSE COLLEGE	43	0	0	0	0	0	0	0	39	0	4	
49	DILLARD UNIVERSITY	41	41	0	0	0	0	0	0	0	0	0	
50	BENNETT COLLEGE (NC)	40	0	0	0	0	0	0	40	0	0	0	
	TOTAL 1ST 50 INSTITUTIONS	62,889	24,017	440	2,928	1,569	3,354	306	14,655	345	6,684	7,960	6
51	BENEDICT COLLEGE	25	0	0	0	0	0	0	0	0	0	0	
52	SAVANNAH STATE COLLEGE	19	0	19	0	0	0	0	0	0	0	0	
53	LE MOYNE-OWEN COLLEGE	13	0	0	0	0	0	0	0	0	0	13	
54	KNOXVILLE COLLEGE	7	0	0	0	0	7	0	0	0	0	0	
	TOTAL 1ST 54 INSTITUTIONS	62,953	24,017	459	2,928	1,569	3,361	306	14,655	345	6,684	7,973	6

1/ INCLUDES DOT, AID, HUD, LABOR, AND NRC.

SOURCE: NATIONAL SCIENCE FOUNDATION, SRS

TABLE B-26. — FEDERAL OBLIGATIONS FOR RESEARCH AND DEVELOPMENT TO HISTORICALLY BLACK COLLEGES, RANKED IN DESCENDING ORDER OF TOTAL AMOUNT RECEIVED, BY AREA OF SCIENCE/ENGINEERING: FISCAL YEAR 1987

(DOLLARS IN THOUSANDS)

RANK	INSTITUTION (RANKED BY AMOUNT RECEIVED)	TOTAL	ENGI-NEERING	PHYSICAL SCIENCES	MATH & COMPUTER SCIENCES	ENVIRON-MENTAL SCIENCES	LIFE SCIENCES	PSYCHOL-OGY	SOCIAL SCIENCES	OTHER SCIENCES, NEC
	TOTAL, ALL INSTITUTIONS	62,953	5,239	6,454	2,756	1,631	30,343	303	7,544	8,683
1	HOWARD UNIVERSITY	9,173	2,187	382	245	129	4,948	107	363	812
2	MEHARRY MEDICAL COLLEGE	5,197	0	0	0	0	4,139	0	50	1,008
3	ALABAMA A & M UNIVERSITY	3,580	712	526	100	15	1,653	0	290	284
4	NC AG & TECH STATE UNIV	3,421	544	130	109	18	1,445	0	953	222
5	TUSKEGEE INSTITUTE	3,027	249	370	420	400	1,209	0	177	202
6	TENNESSEE STATE UNIV	2,849	0	467	0	0	1,004	0	632	746
7	ATLANTA UNIVERSITY	2,594	85	753	454	0	34	0	165	1,103
8	FLORIDA A & M UNIVERSITY	2,526	35	475	0	0	842	0	39	1,135
9	PRAIRIE VIEW A & M UNIV	2,345	50	83	0	0	1,805	0	332	75
10	MOREHOUSE SCHOOL OF MED	2,188	0	0	0	0	1,369	72	0	747
	TOTAL 1ST 10 INSTITUTIONS	36,900	3,862	3,186	1,328	562	18,448	179	3,001	6,334
11	VIRGINIA STATE UNIVERSITY	1,906	19	571	0	0	892	0	424	0
12	KENTUCKY STATE UNIVERSITY	1,848	0	31	0	0	1,084	0	733	0
13	JACKSON STATE UNIVERSITY	1,827	358	403	531	22	324	0	114	75
14	HAMPTON INSTITUTE	1,729	300	640	143	290	0	0	128	228
15	SOUTHERN U & A&M COLLEGE	1,710	202	0	337	0	798	0	298	75
16	TEXAS SOUTHERN UNIV	1,511	38	285	0	0	73	0	0	1,115
17	LINCOLN UNIVERSITY (MO)	1,447	0	0	0	0	1,376	0	71	0
18	FORT VALLEY STATE COLLEGE	1,432	71	10	0	0	1,032	0	319	0
19	ALCORN STATE UNIVERSITY	1,338	0	44	0	0	792	0	502	0
20	SOUTH CAROLINA ST COLLEGE	1,189	0	0	0	0	467	0	645	77
	TOTAL 1ST 20 INSTITUTIONS	52,837	4,850	5,170	2,339	874	25,286	179	6,235	7,904
21	UNIV OF ARK PINE BLUFF	1,166	0	43	0	0	708	0	415	0
22	U OF MD EASTERN SHORE	1,152	0	267	0	285	342	0	157	101
23	LANGSTON UNIVERSITY	1,100	0	0	0	49	1,051	0	0	0
24	COL OF THE VIRGIN ISLANDS	1,026	33	0	0	202	761	0	30	0
25	MISS VALLEY STATE UNIV	828	0	0	0	0	728	0	100	0
26	UNIVERSITY OF D C	756	0	171	49	154	343	0	39	0
27	MORGAN STATE UNIVERSITY	517	75	367	0	0	0	0	75	0
28	DELAWARE STATE COLLEGE	461	0	0	0	0	410	0	51	0
29	FISK UNIVERSITY	443	150	194	0	0	67	0	0	32
30	LINCOLN UNIVERSITY (PA)	351	0	0	0	0	67	0	94	190
	TOTAL 1ST 30 INSTITUTIONS	60,637	5,108	6,212	2,388	1,564	29,763	179	7,196	8,227
31	NORTH CAROLINA CNTRL UNIV	344	0	63	0	0	116	62	0	103
32	GRAMBLING STATE UNIV	251	0	124	0	0	0	0	113	14
33	SPELMAN COLLEGE	215	0	0	97	38	80	0	0	0
34	XAVIER UNIVERSITY OF LA	210	0	0	0	0	20	0	100	90
35	NORFOLK STATE UNIVERSITY	143	0	55	53	0	0	0	35	0
36	SELMA UNIVERSITY	141	0	0	0	0	0	0	0	141
37	BOWIE STATE COLLEGE	130	0	0	130	0	0	0	0	0
38	ALBANY STATE COLLEGE	97	0	0	0	0	97	0	0	0
39	CLARK COLLEGE	92	92	0	0	0	0	0	0	0
40	WINSTON-SALEM STATE UNIV	91	0	0	0	29	0	62	0	0
	TOTAL 1ST 40 INSTITUTIONS	62,351	5,200	6,454	2,668	1,631	30,076	303	7,444	8,575
41	ALABAMA STATE UNIVERSITY	76	0	0	76	0	0	0	0	0
42	OAKWOOD COLLEGE	75	0	0	0	0	0	0	75	0
43	BISHOP COLLEGE	64	0	0	0	0	64	0	0	0
44	RUST COLLEGE	55	0	0	0	0	55	0	0	0
45	CLAFLIN COLLEGE	52	0	0	0	0	0	0	0	52
46	VOORHEES COLLEGE	48	0	0	0	0	0	0	0	48
47	PAINE COLLEGE	44	0	0	0	0	44	0	0	0
48	MOREHOUSE COLLEGE	43	39	0	0	0	4	0	0	0
49	DILLARD UNIVERSITY	41	0	0	0	0	41	0	0	0
50	BENNETT COLLEGE (NC)	40	0	0	0	0	40	0	0	0
	TOTAL 1ST 50 INSTITUTIONS	62,889	5,239	6,454	2,744	1,631	30,324	303	7,519	8,675
51	BENEDICT COLLEGE	25	0	0	0	0	0	0	25	0
52	SAVANNAH STATE COLLEGE	19	0	0	0	0	19	0	0	0
53	LE MOYNE-OWEN COLLEGE	13	0	0	12	0	0	0	0	1
54	KNOXVILLE COLLEGE	7	0	0	0	0	0	0	0	7
	TOTAL 1ST 54 INSTITUTIONS	62,953	5,239	6,454	2,756	1,631	30,343	303	7,544	8,683

SOURCE: NATIONAL SCIENCE FOUNDATION, SRS

TABLE B-27. -- FEDERAL OBLIGATIONS TO SYSTEMS OF UNIVERSITIES AND COLLEGES FOR RESEARCH AND DEVELOPMENT BY AGENCY: FISCAL YEAR 1987 1/

(DOLLARS IN THOUSANDS)

SYSTEMS OF UNIVERSITIES AND COLLEGES (RANKED BY TOTAL R&D OBLIGATIONS)	RANK	TOTAL	USDA	COM	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTH 2
TOTAL, ALL SYSTEMS		2,326,827	129,957	49,480	301,412	34,149	149,375	31,868	1,274,423	18,216	123,485	382,241	32,
UNIVERSITY OF CALIFORNIA SYSTEM	1	660,937	12,441	6,242	67,359	3,584	36,261	3,199	378,224	2,810	33,756	112,956	4,
UNIVERSITY OF TEXAS SYSTEM	2	234,892	582	184	41,689	360	8,607	1,027	155,743	484	9,182	17,025	
UNIVERSITY OF WISCONSIN SYSTEM	3	142,247	8,946	2,929	6,177	3,194	12,520	1,723	76,575	228	7,447	21,459	1,
UNIVERSITY OF ILLINOIS SYSTEM	4	136,213	7,448	1,343	21,183	2,768	12,074	1,643	44,027	460	2,865	39,318	3,
COLUMBIA UNIVERSITY SYSTEM	5	132,349	0	278	8,675	368	5,814	346	88,098	1,018	3,346	21,996	2,
UNIVERSITY OF NORTH CAROLINA SYSTEM	6	121,895	11,125	1,494	10,490	2,764	2,626	4,101	72,770	369	2,480	10,924	2,
STATE UNIVERSITY OF NEW YORK SYSTEM	7	104,514	525	2,173	6,776	1,011	4,372	2,737	63,660	195	2,086	20,929	
STATE UNIVERSITY SYSTEM OF FLORIDA	8	97,396	7,063	3,198	14,513	1,104	13,170	2,104	36,890	262	3,139	13,132	
UNIVERSITY SYSTEM OF GEORGIA	9	91,012	7,546	1,258	34,705	172	10,617	858	20,328	499	2,620	10,397	2,
UNIVERSITY OF MARYLAND SYSTEM	10	84,465	3,961	3,263	15,519	1,053	5,068	920	31,030	640	8,035	13,661	1,
UTAH HIGHER EDUCATION SYSTEM	11	81,963	2,916	0	21,986	1,669	4,325	1,198	38,185	1,420	1,877	8,240	
UNIVERSITIES & STATE COL OF ARIZONA SYSTEM	12	80,485	3,559	381	11,888	2,212	1,990	1,325	32,576	866	10,853	15,046	
OREGON STATE HIGHER EDUCATION SYSTEM	13	77,650	8,528	3,288	8,158	4,791	1,196	2,344	31,128	1,596	1,224	13,904	1,
UNIVERSITY OF ALABAMA SYSTEM	14	75,990	330	36	5,617	1,204	617	298	57,977	317	7,731	1,863	
CITY UNIVERSITY OF NEW YORK SYSTEM	15	54,074	100	0	1,358	2,145	2,201	224	41,800	0	804	5,334	
UNIVERSITY OF TENNESSEE SYSTEM	16	42,810	4,572	0	3,605	686	9,149	451	19,363	256	958	2,886	
TEXAS A&M UNIVERSITY SYSTEM	17	41,401	11,494	2,471	6,336	18	3,643	667	6,557	119	2,634	6,704	
UNIVERSITY OF HAWAII SYSTEM	18	39,558	3,895	9,418	1,552	1,043	1,336	25	6,543	757	4,615	8,809	1,
LOUISIANA STATE UNIVERSITY SYSTEM	19	37,392	3,851	2,161	2,670	295	1,434	710	22,151	552	470	3,048	
UNIVERSITY OF MISSOURI SYSTEM	20	28,194	6,376	402	1,225	243	913	250	10,913	1,287	300	5,532	2,
UNIVERSITY OF NEBRASKA SYSTEM	21	26,515	3,796	335	829	533	493	144	9,709	175	726	4,397	5,
CALIFORNIA STATE UNIVERSITY & COLLEGES SYSTEM	22	20,988	415	267	3,032	152	1,602	245	5,576	129	2,790	4,780	
UNIVERSITY OF ALASKA SYSTEM	23	15,473	1,128	3,213	962	89	598	0	357	278	3,287	5,581	
UNIVERSITY OF ARKANSAS SYSTEM	24	15,254	4,913	0	240	1,214	390	238	5,033	342	162	1,339	1,
UNIVERSITY OF NEVADA SYSTEM	25	14,955	1,624	1,244	260	0	2,100	3,205	2,704	1,500	287	2,031	
UNIVERSITY OF HOUSTON SYSTEM	26	13,458	76	50	1,201	133	1,258	252	3,479	0	3,481	3,454	
UNIVERSITY OF NEW HAMPSHIRE SYSTEM	27	13,116	1,582	2,598	332	0	355	25	572	105	5,204	2,343	
UNIVERSITY OF PUERTO RICO SYSTEM	28	10,624	4,179	770	316	36	419	0	3,133	113	217	1,440	
MONTANA UNIVERSITY SYSTEM	29	8,753	2,593	289	408	34	129	775	1,709	573	198	2,125	
SOUTHERN ILLINOIS UNIVERSITY SYSTEM	30	6,839	87	0	875	267	1,518	0	3,236	211	61	584	
UNIVERSITY OF MAINE SYSTEM	31	6,398	2,611	115	269	0	315	781	1,106	336	0	865	
STATE UNIV & CMTY COL SYSTEM OF TENNESSEE	32	5,118	1,521	80	0	60	140	0	1,971	53	178	878	
CLAREMONT COLLEGES SYSTEM	33	1,640	26	0	27	0	0	0	510	0	219	858	
UNIVERSITY OF SOUTH DAKOTA SYSTEM	34	711	0	0	0	52	0	0	333	124	60	142	
STATE UNIVERSITY SYSTEM OF MINNESOTA	35	375	0	0	0	42	0	0	129	0	0	204	
UNIVERSITY OF MASSACHUSSETTS SYSTEM	36	333	148	80	0	0	0	0	0	105	0	0	
COMMUNITY COLLEGE OF DENVER SYSTEM	37	200	0	0	0	200	0	0	0	0	0	0	
MASSACHUSETTS COMMUNITY COLLEGE SYSTEM	38	200	0	0	0	200	0	0	0	0	0	0	
FOOTHILL-DEANZA COMMUNITY COL DISTRICT SYSTEM	39	195	0	0	0	0	0	0	0	0	195	0	
MASSACHUSETTS STATE COLLEGE SYSTEM	40	182	0	0	0	129	0	0	0	0	0	53	
CALIFORNIA SCHOOL OF PROF PSYCHOLOGY SYSTEM	41	171	0	0	0	71	0	0	100	0	0	0	
VIRGINIA COMMUNITY COLLEGE SYSTEM	42	170	0	0	0	85	0	0	47	38	0	0	
STATE SYSTEM OF HIGHER EDUCATION	43	139	0	0	0	0	0	33	101	1	0	4	
UNIVERSITY OF SOUTH TEXAS SYSTEM	44	125	0	0	0	0	125	0	0	0	0	0	
DALLAS COUNTY COMMUNITY COLLEGE SYSTEM	45	110	0	0	0	110	0	0	0	0	0	0	
PERALTA COMMUNITY COLLEGE SYSTEM	46	88	0	0	0	8	0	0	80	0	0	0	
INTER AMERICAN UNIV OF PUERTO RICO SYSTEM	47	58	0	0	0	58	0	0	0	0	0	0	

1/ INCLUDES OBLIGATIONS TO EVERY INDIVIDUAL INSTITUTION INCLUDED WITHIN EACH SYSTEM.

2/ INCLUDES DOT, AID, HUD, LABOR, AND NRC.

SOURCE: NATIONAL SCIENCE FOUNDATION, SRS

TABLE B-28. — FEDERAL SCIENCE/ENGINEERING OBLIGATIONS TO FFRDC'S 1/ ADMINISTERED BY UNIVERSITIES AND COLLEGES BY TYPE OF ACTIVITY: FISCAL YEARS 1963-87

(DOLLARS IN THOUSANDS)

FISCAL YEAR	TOTAL ACADEMIC SCIENCE/ ENGINEERING	RESEARCH AND DEVELOPMENT	R&D PLANT 2/	FACILITIES FOR INSTRUCTION IN SCIENCE & ENGINEERING	FELLOW-SHIPS, TRAINEE-SHIPS, & TRAINING GRANTS	GENERAL SUPPORT FOR SCIENCE/ ENGINEERING	OTHER SCIENCE/ ENGINEERING ACTIVITIES
1963	814,082	668,803	138,880	(3)	(3)	(3)	6,399
1964	862,353	732,345	122,508	(3)	(3)	(3)	7,500
1965	895,287	744,172	141,714	(3)	(3)	(3)	9,401
1966	917,631	784,227	127,604	(3)	(3)	(3)	5,800
1967	907,549	800,798	101,753	(3)	(3)	(3)	4,998
1968	935,820	818,035	113,779	(3)	(3)	(3)	4,006
1969	916,872	790,981	121,135	(3)	(3)	(3)	4,756
1970	960,906	799,670	156,794	(3)	(3)	(3)	4,442
1971	984,001	794,874	184,709	53	1,481	70	2,814
1972	1,076,653	936,588	133,318	0	2,740	0	4,007
1973	1,011,199	909,848	95,521	45	2,944	48	2,793
1974	1,083,376	974,376	102,105	0	664	206	6,025
1975	1,207,467	1,077,982	128,772	0	351	211	151
1976	1,443,846	1,278,372	163,038	0	493	0	1,943
1977	1,611,676	1,453,739	157,508	0	306	123	0
1978	1,675,473	1,461,612	213,180	0	458	106	117
1979	1,928,856	1,597,708	330,613	0	402	133	0
1980	2,158,074	1,747,859	379,943	12,525	527	9,955	7,565
1981	2,217,779	1,885,221	322,137	6,647	298	2,270	1,206
1982	2,479,243	2,053,125	406,211	6,115	293	400	13,099
1983	2,759,728	2,392,338	337,350	17,757	437	11,130	716
1984	3,006,001	2,638,926	358,265	1,605	344	584	6,277
1985	3,448,931	3,017,501	427,122	1,460	683	1,921	244
1986	3,520,597	3,167,947	348,705	0	1,019	1,285	1,641
1987	3,767,120	3,408,619	354,189	902	577	1,532	1,301

1/ FEDERALLY FUNDED RESEARCH AND DEVELOPMENT CENTERS.

2/ SEE TECHNICAL NOTES, SCOPE OF SURVEY.

3/ NOT SEPARATELY IDENTIFIED BUT INCLUDED IN "OTHER SCIENCE/ENGINEERING ACTIVITIES".

NOTE: N/A INDICATES NOT AVAILABLE.

SOURCE: NATIONAL SCIENCE FOUNDATION, SRS

TABLE B-29. — FEDERAL SCIENCE/ENGINEERING OBLIGATIONS TO FFRDC'S 1/ ADMINISTERED BY UNIVERSITIES AND COLLEGES BY AGENCY: FISCAL YEARS 1963-87

(DOLLARS IN THOUSANDS)

FISCAL YEAR	TOTAL	USDA	COM	DOD	DOE 2/	EPA	HHS 3/	HUD	INT	LABOR	NASA	NSF	NRC	DOT
1963	814,082	-	0	128,236	440,259	-	-	-	0	N/A	230,168	15,419	-	-
1964	862,353	-	0	144,044	471,470	-	509	-	0	N/A	226,194	20,136	-	-
1965	895,287	-	0	142,676	485,028	-	1,788	-	0	N/A	245,094	20,701	-	-
1966	917,631	-	0	141,916	517,898	-	3,225	-	0	N/A	230,820	23,772	-	-
1967	907,549	-	0	135,992	510,878	-	7,899	-	0	N/A	223,984	28,836	-	-
1968	935,820	-	45	142,847	539,513	-	12,455	0	0	-	209,732	31,227	-	1
1969	916,872	-	57	143,365	560,752	-	23,658	0	0	-	160,619	28,421	-	N/A
1970	960,906	-	92	131,213	613,251	-	7,932	0	0	-	180,692	27,506	-	220
1971	984,001	0	0	137,086	626,621	0	7,427	550	0	0	175,077	37,240	-	0
1972	1,076,653	0	0	198,959	609,031	0	9,478	0	0	0	211,295	41,811	-	6,079
1973	1,011,199	0	0	160,503	595,815	88	1,171	0	0	155	203,860	46,386	-	3,221
1974	1,083,376	0	0	173,533	633,667	0	3,151	0	261	2,630	212,065	57,032	-	1,037
1975	1,207,467	0	73	196,695	721,906	0	3,280	0	213	172	227,512	57,562	0	54
1976	1,443,846	0	0	217,529	906,173	0	6,170	0	674	22	241,928	71,325	0	25
1977	1,611,676	0	0	228,941	1,067,072	0	6,622	0	0	132	235,714	72,317	0	878
1978	1,675,473	0	0	107,088	1,254,354	31	8,771	0	0	25	224,121	78,489	50	2,544
1979	1,928,856	0	0	124,419	1,442,694	0	11,956	0	294	56	264,610	85,227	0	0
1980	2,158,074	0	0	148,228	1,608,105	0	11,955	0	300	167	312,866	73,153	0	3,300
1981	2,217,779	82	0	151,198	1,654,224	0	16,099	0	285	31	318,820	73,240	0	3,800
1982	2,479,243	0	1,545	204,257	1,844,961	393	19,087	0	0	534	331,938	72,702	0	3,826
1983	2,759,728	65	179	284,764	1,937,120	2	20,543	98	0	0	427,526	83,440	0	5,991
1984	3,006,001	120	271	249,558	2,083,262	0	20,562	0	30	0	548,307	91,464	0	12,427
1985	3,448,931	55	333	322,060	2,259,839	0	25,854	0	0	0	724,813	103,438	0	12,539
1986	3,520,597	165	996	322,357	2,172,387	0	26,404	0	0	0	891,284	99,529	0	7,475
1987	3,767,120	210	573	381,970	2,235,593	0	30,586	0	0	0	1,005,601	102,973	150	9,464

1/ FEDERALLY FUNDED RESEARCH AND DEVELOPMENT CENTERS.

2/ DATA SHOWN FOR FISCAL YEARS 1963-74 AND FISCAL YEARS 1975-77 REPRESENT OBLIGATIONS OF THE ATOMIC ENERGY COMMISSION AND THE ENERGY RESEARCH & DEVELOPMENT ADMINISTRATION, RESPECTIVELY.

3/ DATA SHOWN FOR FISCAL YEARS 1963-79 REPRESENT OBLIGATIONS OF THE DEPARTMENT OF HEALTH, EDUCATION, & WELFARE.

NOTE: N/A INDICATES NOT AVAILABLE.

SOURCE: NATIONAL SCIENCE FOUNDATION, SRS

TABLE B-30. — FEDERAL SCIENCE/ENGINEERING OBLIGATIONS TO FFRDC'S 1/ ADMINISTERED BY UNIVERSITIES AND COLLEGES BY INSTITUTION: FISCAL YEARS 1963 AND 1980-87

(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	1963	1980	1981	1982	1983	1984	1985	1986	1987	SPONSORING AGENCY
UNITED STATES, TOTAL	814,082	2,158,074	2,217,779	2,479,243	2,759,728	3,006,001	3,448,931	3,520,597	3,767,120	
ARIZONA										
CERRO TOLOLO INTER-AMERICAN OBSERVATORY (CHILE) 8/	1,100	4,830	4,830	4,830	6,460	-	-	-	-	NSF
KITT PEAK NATIONAL OBSERV 8/	3,750	10,689	10,689	10,689	12,018	-	-	-	-	NSF
NATIONAL OPTICAL ASTRONOMY OBSERVATORY 8/	-	-	-	-	-	23,086	22,826	22,624	22,950	NSF
CALIFORNIA:										
CENTER FOR R&D IN HIGHER EDUCATION 8/	-	-	-	-	-	-	-	-	-	HEW/ OE
CTR FOR THE STUDY OF THE EVAL OF INSTR PROGM 8/	-	-	-	-	-	-	-	-	-	HEW/ OE
JET PROPULSION LAB 4/	230,168	312,591	318,943	332,787	431,020	554,645	729,633	894,797	1,010,091	NASA
LAWRENCE LABORATORIES 5/	162,854	527,589	567,580	664,514	686,682	758,603	852,603	842,255	867,938	DOE
STANFORD CENTER FOR R&D IN TEACHING 8/	-	-	-	-	-	-	-	-	-	HEW
STANFORD LINEAR ACCELERATOR	16,193	57,993	64,497	71,188	86,970	117,825	154,500	119,081	113,164	DOE
COLORADO:										
NAT CTR FOR ATMOS RSCH	6,019	34,483	34,421	34,421	36,937	40,440	46,601	43,969	43,877	NSF
DISTRICT OF COLUMBIA:										
CTR FOR RSCH IN SOC SYSTMS 8/	947	-	-	-	-	-	-	-	-	DOD/ ARMY
GEORGIA:										
R&D CTR IN EDUC STIMULATION	-	-	-	-	-	-	-	-	-	HEW/ OE
ILLINOIS:										
ARGONNE NATL LABORATORY	74,947	263,194	223,021	210,495	204,259	213,923	198,054	199,731	203,781	DOE
COORDINATION CTR FOR THE NAT PROG IN EARLY CHILDHD ED 8/	-	-	-	-	-	-	-	-	-	HEW/ OE
FERMI NATL ACCELERATOR LAB	-	103,557	120,295	140,548	175,463	182,541	196,572	170,643	179,258	DOE
IOWA:										
AMES LABORATORY	6,549	14,667	16,744	21,679	17,327	17,624	17,656	16,774	18,302	DOE
MARYLAND:										
APPLIED PHYSICS LAB 6/	42,096	-	-	-	-	-	-	-	-	DOD/ NAVY
CTR FOR THE STUDY OF SOCIAL ORG OF SCHLS & LRN PROC 8/	-	-	-	-	-	-	-	-	-	HEW/ OE
MASSACHUSETTS:										
CAMBRIDGE ELECTRON ACCEL 8/	8,578	-		-	-	-	-	-	-	DOE
CTR FOR R&D IN EDUCATIONAL DIFFERENCES 8/	-	-	-	-	-	-	-	-	-	HEW/ OE
LINCOLN LABORATORY	70,606	137,573	141,567	192,109	270,031	255,741	328,815	325,912	380,123	DOD/ AF
NEW JERSEY:										
PLASMA PHYSICS LABORATORY	7,542	103,994	105,627	125,340	134,060	132,396	118,752	93,567	96,366	DOE
PRINCETON-PENN ACCEL 8/	7,105	-	-	-	-	-	-	-	-	DOE
NEW MEXICO:										
LOS ALAMOS SCIENTIFIC LAB	93,020	363,846	390,261	458,583	476,298	492,829	541,228	549,688	555,993	DOE
NATIONAL SOLAR OBSERV 8/	-	2,489	2,489	2,489	2,577	-	-	-	-	NSF

SEE FOOTNOTES AT END OF TABLE.

TABLE B-30. — FEDERAL SCIENCE/ENGINEERING OBLIGATIONS TO FFRDC'S 1/ ADMINISTERED BY UNIVERSITIES AND COLLEGES BY INSTITUTION: FISCAL YEARS 1963 AND 1980-87

(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	1963	1980	1981	1982	1983	1984	1985	1986	1987	SPONSORING AGENCY
NEW YORK:										
BROOKHAVEN NATIONAL LAB	59,180	177,887	172,573	163,945	167,176	173,336	196,091	195,677	199,582	DOE
HUDSON LABORATORY 3/	3,780	-	-	-	-	-	-	-	-	DOD/ NAVY
OREGON:										
CTR FOR THE ADVANCED STUDY OF EDUCATIONAL ADMIN 3/	-	-	-	-	-	-	-	-	-	HEW/ OE
PENNSYLVANIA:										
LEARNING R&D CENTER 3/	-	-	-	-	-	-	-	-	-	HEW/ OE
APPLIED RESEARCH LAB 7/	3,763	-	-	-	-	-	-	-	-	DOD/ NAVY
TENNESSEE:										
OAKRIDGE INST NUCLR STDS	4,291	10,129	12,542	11,111	11,217	15,992	11,780	13,849	16,785	DOE
TEXAS:										
R&D CTR IN TCHR EDUC 3/	-	-	-	-	-	-	-	-	-	HEW/ OE
VIRGINIA:										
CENTER FOR NAVAL ANALYSES 8/	-	14,325	13,462	16,277	18,035	-	-	-	-	DOD/ NAVY
CONT ELECTRON BEAM ACC	-	-	-	-	-	-	-	-	23,750	DOE
HUMAN RESOURCES RES ORG 9/	2,794	-	-	-	-	-	-	-	-	DOD/ ARMY
SPACE RADIATION EFFECTS LAB	-	-	-	-	-	-	-	-	-	NASA
WASHINGTON:										
APPLIED PHYSICS LAB 10/	3,200	-	-	-	-	-	-	-	-	DOD/ NAVY
WEST VIRGINIA:										
NATIONAL RADIO ASTRON OBS	4,550	13,002	13,002	13,002	16,773	20,200	26,650	25,180	28,295	NSF
WISCONSIN:										
ARMY MATHEMATICS RES CTR 3/	1,050	-	-	-	-	-	-	-	-	DOD/ ARMY
CTR FOR R&D FOR LEARNING AND RE-EDUCATION 3/	-	-	-	-	-	-	-	-	-	HEW/ OE
PUERTO RICO:										
NAT ASTRON & IONOSHERE CTR	-	5,236	5,236	5,236	6,425	7,220	7,170	6,850	6,865	NSF

1/ FEDERALLY FUNDED RESEARCH AND DEVELOPMENT CENTERS.

2/ AS OF FY 1984, THE NATIONAL OPTICAL ASTRONOMY OBSERVATORY INCORPORATED THREE FORMERLY SEPARATE FFRDC'S — CERRO TOLOLO INTER-AMERICAN OBSERVATORY, KITT PEAK NATIONAL OBSERVATORY, AND THE NATIONAL SOLAR OBSERVATORY (FORMERLY KNOWN AS SACRAMENTO PEAK OBSERVATORY).

3/ PHASED OUT AS AN FFRDC.

4/ INCLUDES SIZABLE AMOUNTS SUBCONTRACTED, PRINCIPALLY TO INDUSTRIAL FIRMS.

5/ FOR THE PURPOSE OF TREND ANALYSES, THE 1980-87 DATA FOR THE LAWRENCE LABORATORIES (BERKELEY AND LIVERMORE) WERE SUMMED.

6/ AS OF FY 1978 CONSIDERED A PART OF JOHNS HOPKINS UNIVERSITY.

7/ KNOWN AS ORDNANCE RESEARCH LABORATORY PRIOR TO FY 1973. AS OF FY 1978 CONSIDERED A PART OF PENNSYLVANIA STATE UNIVERSITY.

8/ A NONPROFIT-ADMINISTERED FFRDC AS OF FY 1984 (SEE TABLE B-38).

9/ CURRENTLY CLASSIFIED AS A NONPROFIT INSTITUTION. DATA FOR FY 1987 ARE SHOWN IN TABLE B-33.

10/ AS OF FY 1974 CONSIDERED A PART OF THE UNIVERSITY OF WASHINGTON.

SOURCE: NATIONAL SCIENCE FOUNDATION, SRS

TABLE B-31. — FEDERAL SCIENCE/ENGINEERING OBLIGATIONS TO FFRDC'S 1/ ADMINISTERED BY UNIVERSITIES AND COLLEGES BY AGENCY AND TYPE OF ACTIVITY: FISCAL YEAR 1987

(DOLLARS IN THOUSANDS)

AGENCY	TOTAL OBLIGATIONS	RESEARCH AND DEVELOPMENT	R&D PLANT 2/	FELLOWSHIPS, TRAINEESHIPS, & TRAINING GRANTS	OTHER SCIENCE/ ENGINEERING ACTIVITIES
TOTAL	3,767,120	3,408,619	354,189	577	3,735
DEPARTMENT OF AGRICULTURE	210	210	0	0	0
DEPARTMENT OF COMMERCE	573	118	0	0	455
DEPARTMENT OF DEFENSE, TOTAL	381,970	381,970	0	0	0
ARMY	30	30	0	0	0
NAVY	6,660	6,660	0	0	0
AIR FORCE	375,280	375,280	0	0	0
OTHER DOD	0	0	0	0	0
DEPARTMENT OF EDUCATION	0	0	0	0	0
DEPARTMENT OF ENERGY	2,235,593	1,878,268	354,189	451	2,685
ENVIRONMENTAL PROTECTION AGENCY	0	0	0	0	0
DEPARTMENT OF HEALTH & HUMAN SERVICES	30,586	29,974	0	126	486
NATIONAL INSTITUTES OF HEALTH	30,006	29,394	0	126	486
HEALTH RESOURCES AND SERVICES ADMINISTRATION	0	0	0	0	0
ALCOHOL, DRUG ABUSE, AND MENTAL HEALTH ADMINISTRATION	580	580	0	0	0
CENTER FOR DISEASE CONTROL	0	0	0	0	0
FOOD AND DRUG ADMINISTRATION	0	0	0	0	0
OFFICE OF HUMAN DEVELOPMENT SERVICES	0	0	0	0	0
HEALTH CARE FINANCING ADMINISTRATION	0	0	0	0	0
SOCIAL SECURITY ADMINISTRATION	0	0	0	0	0
OFFICE OF THE ASSISTANT SECRETARY FOR HEALTH	0	0	0	0	0
OTHER DHHS	0	0	0	0	0
DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT	0	0	0	0	0
DEPARTMENT OF THE INTERIOR	0	0	0	0	0
AGENCY FOR INTERNATIONAL DEVELOPMENT	0	0	0	0	0
DEPARTMENT OF LABOR	0	0	0	0	0
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	1,005,601	1,005,601	0	0	0
NATIONAL SCIENCE FOUNDATION	102,973	102,864	0	0	109
NUCLEAR REGULATORY COMMISSION	150	150	0	0	0
DEPARTMENT OF TRANSPORTATION	9,464	9,464	0	0	0

1/ FEDERALLY FUNDED RESEARCH AND DEVELOPMENT CENTERS.

2/ SEE TECHNICAL NOTES, SCOPE OF SURVEY.

NOTE: N/A INDICATES NOT AVAILABLE.

SOURCE: NATIONAL SCIENCE FOUNDATION, SRS

TABLE B-32. — FEDERAL SCIENCE/ENGINEERING OBLIGATIONS TO FFRDC'S 1/ ADMINISTERED BY UNIVERSITIES & COLLEGES BY STATE, INSTITUTION, AGENCY, AND TYPE OF ACTIVITY: FISCAL YEAR 1987

(DOLLARS IN THOUSANDS)

STATE, INSTITUTION, AND AGENCY PROVIDING FUNDS	TOTAL OBLIGATIONS	RESEARCH AND DEVELOPMENT	R&D PLANT 2/	FELLOWSHIPS, TRAINEESHIPS, & TRAINING GRANTS	OTHER SCIENCE/ ENGINEERING ACTIVITIES	ADMINISTERED BY
UNITED STATES, TOTAL	3,767,120	3,408,619	354,189	577	3,735	
ARIZONA						
NAT OPTICAL ASTRON OBSER 3/						ASSOC OF UNIV FOR RES IN ASTRONOMY
NSF	22,950	22,950	0	0	0	
CALIFORNIA						
JET PROPULSION LABORATORY 4/	1,010,091	1,010,091	0	0	0	CALIFORNIA INSTITUTE OF TECH
NASA	1,005,601	1,005,601	0	0	0	
NSF	90	90	0	0	0	
DOT	4,400	4,400	0	0	0	
LAWRENCE BERKELEY LAB	162,571	134,017	27,455	101	998	UNIVERSITY OF CALIFORNIA
COM	246	46	0	0	200	
DOE	146,251	118,190	27,455	0	606	
HHS	15,894	15,601	0	101	192	
NSF	180	180	0	0	0	
LAWRENCE LIVERMORE LAB	705,367	607,196	98,130	0	0	UNIVERSITY OF CALIFORNIA
DOD	6,690	6,690	0	0	0	
DOE	696,819	598,689	98,130	0	0	
HHS	1,578	1,537	0	0	0	
NSF	280	280	0	0	0	
STANFORD LINEAR ACCEL CTR	113,164	90,312	22,852	0	0	STANFORD UNIVERSITY
DOE	112,459	89,607	22,852	0	0	
HHS	705	705	0	0	0	
COLORADO						
NAT CTR FOR ATMOS RES 3/						UNIV CORP FOR ATMOSPHEREIC RESEARCH
NSF	43,877	43,835	0	0	42	
ILLINOIS						
ARGONNE NATIONAL LAB 5/	203,781	183,584	19,351	160	686	UNIV OF CHICAGO AND ARGONNE UNIVERSITIES ASSOC
DOE	202,243	182,071	19,351	135	686	
HHS	1,114	1,089	0	25	0	
NSF	136	136	0	0	0	
DOT	288	288	0	0	0	
FERMI NATL ACCEL LAB 3/	179,258	135,075	44,183	0		UNIVERSITY RESEARCH ASSOC
DOE	179,185	135,002	44,183	0	0	
NSF	73	73	0	0	0	
IOWA						
AMES LABORATORY						IOWA STATE UNIV OF SCI & TECH
DOE	18,302	15,761	2,515	26	0	
MASSACHUSETTS						
LINCOLN LABORATORY	380,123	380,056	0	0	67	MASS INST OF TECHNOLOGY
DOD	375,280	375,280	0	0	0	
NSF	67	0	0	0	67	
DOT	4,776	4,776	0	0	0	
NEW JERSEY						
PLASMA PHYSICS LABORATORY						PRINCETON UNIVERSITY
DOE	96,366	89,938	6,428	0	0	
NEW MEXICO						
LOS ALAMOS SCIENTIFIC LAB	555,993	475,329	79,670	0	994	UNIVERSITY OF CALIFORNIA
DOE	551,909	471,337	79,670	0	902	
HHS	4,084	3,992	0	0	92	

SEE FOOTNOTES AT END OF TABLE.

TABLE B-32. — FEDERAL SCIENCE/ENGINEERING OBLIGATIONS TO FFRDC'S 1/ ADMINISTERED BY UNIVERSITIES & COLLEGES BY STATE, INSTITUTION, AGENCY, AND TYPE OF ACTIVITY: FISCAL YEAR 1987

CONTINUED

(DOLLARS IN THOUSANDS)

STATE, INSTITUTION, AND AGENCY PROVIDING FUNDS	TOTAL OBLIGATIONS	RESEARCH AND DEVELOPMENT	R&D PLANT 2/	FELLOWSHIPS, TRAINEESHIPS, & TRAINING GRANTS	OTHER SCIENCE/ ENGINEERING ACTIVITIES	ADMINISTERED BY
NEW YORK						
BROOKHAVEN NATIONAL LAB 3/	199,582	162,970	36,125	290	197	ASSOCIATED UNIVERSITIES, INC.
USDA	210	210	0	0	0	
COM	72	72	0	0	0	
DOE	192,919	156,444	36,125	290	60	
HHS	6,221	6,084	0	0	137	
NSF	160	160	0	0	0	
TENNESSEE						
OAK RIDGE INST NUCLR STDS 3/	16,785	15,295	780	0	710	OAK RIDGE ASSOC UNIVERSITIES
COM	295	0	0	0	295	
DOE	15,390	14,179	780	0	431	
HHS	990	966	0	0	24	
NRC	150	150	0	0	0	
VIRGINIA						
CONT ELECTRON BEAM ACC 3/						SOUTHEASTERN UNIV RES ASSOC
DOE	23,750	7,050	16,700	0	0	
WEST VIRGINIA						
NAT RADIO ASTRON OBSERV 3/						ASSOCIATED UNIVERSITIES, INC.
NSF	28,295	28,295	0	0	0	
PUERTO RICO						
NATIONAL ASTRON IONOS CTR						CORNELL UNIVERSITY
NSF	6,865	6,865	0	0	0	

1/ FEDERALLY FUNDED RESEARCH AND DEVELOPMENT CENTERS.

2/ SEE TECHNICAL NOTES, SCOPE OF SURVEY.

3/ ONE OF SEVEN CENTERS ADMINISTERED BY UNIVERSITY CONSORTIA.

4/ INCLUDES SIZEABLE AMOUNTS SUBCONTRACTED, PRINCIPALLY TO INDUSTRIAL FIRMS.

5/ ADMINISTERED BY BOTH UNIVERSITY AND CONSORTIUM.

SOURCE: NATIONAL SCIENCE FOUNDATION, SRS

TABLE B-33. — FEDERAL OBLIGATIONS TO INDEPENDENT NONPROFIT INSTITUTIONS FOR RESEARCH AND DEVELOPMENT AND R&D PLANT BY GEOGRAPHIC DIVISION, STATE, INSTITUTION, AND AGENCY: FISCAL YEAR 1987

(DOLLARS IN THOUSANDS)

GEOGRAPHIC DIVISION, STATE & INSTITUTION	TOTAL	USDA	CON	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
UNITED STATES, TOTAL	1,813,971	2,034	14,346	533,119	29,767	73,760	51,631	919,268	2,228	74,695	93,023	20,100
NEW ENGLAND, TOTAL	908,102	16	180	184,641	2,798	401	832	286,095	205	13,865	12,062	7,007
CONNECTICUT, TOTAL	5,677	0	0	110	0	0	462	4,675	0	0	430	0
BRIDGEPORT HOSPITAL	208	0	0	0	0	0	0	208	0	0	0	0
DANBURY HOSP	60	0	0	0	0	0	0	60	0	0	0	0
HARTFORD HOSPITAL	236	0	0	0	0	0	0	236	0	0	0	0
HASKINS LABORATORIES INC	2,174	0	0	0	0	0	0	2,069	0	0	105	0
HUMAN RELATIONS AREA FILE	90	0	0	0	0	0	0	0	0	0	90	0
JOHN B PIERCE FDN OF CONN	1,807	0	0	110	0	0	189	1,508	0	0	0	0
SIAM INSTITUTE	754	0	0	0	0	0	273	481	0	0	0	0
SIGMA XI SOCIETY	70	0	0	0	0	0	0	0	0	0	70	0
ST FRANCIS HOSP & MED	113	0	0	0	0	0	0	113	0	0	0	0
THAMES SCIENCE CENTER	125	0	0	0	0	0	0	0	0	0	125	0
YALE SOUTHERN OBSERVA,INC	80	0	0	0	0	0	0	0	0	0	80	0
MAINE, TOTAL	12,358	0	0	643	0	122	49	9,782	0	303	1,418	41
EASTERN MAINE MED CTR	98	0	0	0	0	0	0	98	0	0	0	0
FDN BLOOD RESEARCH	202	0	0	0	0	0	0	202	0	0	0	0
JACKSON LAB	9,283	0	0	140	0	122	0	8,899	0	0	122	0
MAINE AUDUBON SOCIETY	1	0	0	0	0	0	0	0	0	0	1	0
MAINE MEDICAL CENTER	308	0	0	0	0	0	0	308	0	0	0	0
MT DESERT ISLAND BIOL LAB	380	0	0	0	0	0	0	275	0	0	105	0
N E RSCH FDN	1,997	0	0	503	0	0	49	0	0	303	1,142	0
THE ACADIA INSTITUTE	48	0	0	0	0	0	0	0	0	0	48	0
WOMENS TRADE CENTER	41	0	0	0	0	0	0	0	0	0	0	41
MASSACHUSETTS, TOTAL	477,238	0	180	183,860	2,798	272	321	259,540	205	13,516	9,582	6,964
AFFILIATED HOSPS CTR	47,779	0	0	0	0	0	0	47,779	0	0	0	0
AMER ACAD OF ARTS & SCIS	102	0	0	0	0	0	0	0	0	0	102	0
AMER METEOROLOGICAL SOC	8	0	0	0	0	0	0	0	0	0	8	0
BAY STATE MEDICAL CENTER	211	0	0	0	0	0	0	211	0	0	0	0
BERKSHIRE MED CTR	500	0	0	0	0	0	0	500	0	0	0	0
BETH ISRAEL HOSPITAL	13,196	0	0	0	0	0	37	13,159	0	0	0	0
BIOMECHANICS INST INC	95	0	0	0	0	0	0	95	0	0	0	0
BOSTON BIOMED RES INST	4,201	0	0	0	0	0	0	4,098	0	0	103	0
BOSTON CITY HOSPITAL	3,762	0	0	0	0	0	0	3,722	0	0	40	0
BOSTON MENTAL HLTH FDN	219	0	0	0	0	0	0	219	0	0	0	0
CHILDREN'S HOSP & MED CTR	21,071	0	0	0	0	0	0	20,907	0	30	134	0
CTR FOR BLOOD RESEARCH	4,991	0	0	0	0	0	0	4,832	0	159	0	0
CTR HLTH ECONOMIC RSCH	1,187	0	0	0	0	0	0	1,187	0	0	0	0
DANA-FARBER CANCER INST	31,391	0	0	0	0	0	0	31,291	0	0	100	0
DRAPER LABORATORIES	196,739	0	0	183,140	0	0	0	0	205	13,234	158	0
EARLY RECOGN INT NETWORK	53	0	0	0	53	0	0	0	0	0	0	0
EDUCATION DEVELOPMENT CTR	1,082	0	0	0	0	0	0	0	0	0	1,082	0
EK SHRIVER CTR MENT RET	5,074	0	0	0	0	0	0	5,029	0	0	45	0
FACTORY MUTUAL RESEARCH	180	0	180	0	0	0	0	0	0	0	0	0
FORSYTH DENTAL CENTER	4,358	0	0	0	0	0	0	4,358	0	0	0	0
FRONTIER SCI & TECH R	1,560	0	0	0	0	0	0	1,560	0	0	0	0
HEBREW REHAB CTR FOR	918	0	0	0	0	0	0	918	0	0	0	0
INST CORP FAMILY PLCY	10	0	0	0	0	0	0	0	0	0	0	10
INST FOR SCIENT RSCH INC	50	0	0	0	0	0	0	0	0	0	50	0
JOSLIN DIABETES FDN INC	5,405	0	0	0	0	0	0	5,405	0	0	0	0
LAHEY CLINIC FDN	242	0	0	0	0	0	0	242	0	0	0	0
MARIA MITCHELL OBSERV	24	0	0	0	0	0	0	0	0	0	24	0
MARINE BIOLOGICAL LAB	3,668	0	0	0	0	15	0	1,997	0	56	1,600	0
MASS EYE & EAR INFIRMARY	6,669	0	0	0	0	0	0	6,669	0	0	0	0
MASS GENERAL HOSPITAL	44,548	0	0	0	0	177	0	44,229	0	35	107	0
MASS HEALTH RESEARCH INST	327	0	0	0	0	0	0	327	0	0	0	0
MASS MENTAL HEALTH CT	241	0	0	0	0	0	0	241	0	0	0	0
MCLEAN HOSPITAL	7,863	0	0	0	0	0	0	7,810	0	0	53	0
METRO SW EMP & TRNG ADMIN	2	0	0	0	0	0	0	0	0	0	0	2
MICROSCOPE ASSOCIATES	42	0	0	0	0	0	0	42	0	0	0	0
MITRE CORPORATION	7,325	0	0	0	0	0	0	375	0	0	0	6,950
MUSEUM OF SCIENCE	200	0	0	0	0	0	0	0	0	0	200	0
N ENG DEACONESS HOSPITAL	5,251	0	0	0	0	0	0	5,251	0	0	0	0
N ENG MED CTR & HOSPITALS	17,834	0	0	360	0	0	0	17,218	0	0	256	0
NATL BUREAU ECON RSCH INC	2,778	0	0	0	0	0	0	1,017	0	0	1,761	0
NE RADIO OBSERVATORY CTR	1,315	0	0	0	0	0	0	0	0	0	1,315	0
NETWORK INNOV SCHOOLS	2,745	0	0	0	2,745	0	0	0	0	0	0	0
NEW ENGLAND AQUARIUM CORP	173	0	0	0	0	80	91	0	0	0	2	0
NEW ENGLAND NEW HOSPITAL	53	0	0	0	0	0	0	53	0	0	0	0
NORTH CHARLES MTL HLT	493	0	0	0	0	0	0	493	0	0	0	0
OPERATION ABLE	2	0	0	0	0	0	0	0	0	0	0	2
PETER BENT BRIGHAM HOSP	193	0	0	0	0	0	193	0	0	0	0	0
RETINA FOUND	6,170	0	0	270	0	0	0	5,820	0	0	80	0
SEA EDUCATION ASSOCIATION	216	0	0	0	0	0	0	0	0	0	216	0
SOCIETY OF GENRL PHYSIOL	4	0	0	0	0	0	0	0	0	0	4	0
ST ELIZABETH'S HP-BRG	2,908	0	0	0	0	0	0	2,908	0	0	0	0
ST VINCENT HOSPITAL	108	0	0	0	0	0	0	108	0	0	0	0
TECH ED RSCH CTR	1,192	0	0	0	0	0	0	0	0	0	1,192	0
U S COMM ON LARGE DAMS	5	0	0	0	0	0	0	0	0	0	5	0
UNIVERSITY HOSPITAL	4,797	0	0	0	0	0	0	4,797	0	0	0	0
WHITEHEAD INST BIOMED	6,779	0	0	0	0	0	0	6,068	0	0	711	0
WORCESTER FDN EXP BIO	9,269	0	0	90	0	0	0	8,945	0	0	234	0

SEE FOOTNOTES AT END OF TABLE.

TABLE B-33. — FEDERAL OBLIGATIONS TO INDEPENDENT NONPROFIT INSTITUTIONS FOR RESEARCH AND DEVELOPMENT AND R&D PLANT BY GEOGRAPHIC DIVISION, STATE, INSTITUTION, AND AGENCY: FISCAL YEAR 1987

CONTINUED

(DOLLARS IN THOUSANDS)

GEOGRAPHIC DIVISION, STATE & INSTITUTION	TOTAL	USDA	CON	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
RHODE ISLAND, TOTAL	12,695	16	0	28	0	7	0	11,988	0	46	570	0
AMER MATHEMATICAL SOCIETY	364	0	0	5	0	0	0	0	0	0	359	0
ASSOC FOR SYMBOLIC LOGIC	10	0	0	0	0	0	0	0	0	0	10	0
BUTLER HOSPITAL	153	0	0	0	0	0	0	153	0	0	0	0
EMMA PENDLETON BRDLY	300	0	0	0	0	0	0	300	0	0	0	0
GORDON RSCH CONFERENCES	247	16	0	23	0	7	0	0	0	0	201	0
MEMORIAL HOSP-PAWTUCKET	3,528	0	0	0	0	0	0	3,528	0	0	0	0
MIRIAM HOSPITAL	1,337	0	0	0	0	0	0	1,291	0	46	0	0
RHODE ISLAND HOSPITAL	3,983	0	0	0	0	0	0	3,983	0	0	0	0
ROGER WILLIAMS GEN HOSP	2,369	0	0	0	0	0	0	2,369	0	0	0	0
WOMEN & INFANTS HP OF	364	0	0	0	0	0	0	364	0	0	0	0
VERMONT, TOTAL	174	0	0	0	0	0	0	110	0	0	62	2
CTR FOR NORTHERN STUDIES	62	0	0	0	0	0	0	0	0	0	62	0
RUTLAND HOSPITAL	110	0	0	0	0	0	0	110	0	0	0	0
STEP-UP PROGRAM	2	0	0	0	0	0	0	0	0	0	0	2
MIDDLE ATLANTIC, TOTAL	323,032	504	36	19,524	8,111	17,265	3,734	219,576	173	4,309	48,824	976
NEW JERSEY, TOTAL	19,516	15	0	40	5,374	156	0	4,458	0	0	9,465	8
BOTANICAL SOC OF AMER	2	0	0	0	0	0	0	0	0	0	2	0
CHLDS SRVS MORRIS CNTY	3	0	0	0	0	0	0	0	0	0	0	3
CONSORTIUM FOR SCI COMPUT	9,260	0	0	0	0	0	0	0	0	0	9,260	0
COTTREL ENV	156	0	0	0	0	156	0	0	0	0	0	0
CTR MOLECULAR MED&IMM	2,710	0	0	0	0	0	0	2,710	0	0	0	0
DEBORAH HEART & LUNG	114	0	0	0	0	0	0	114	0	0	0	0
EDUCATIONAL TESTING SRVC	5,472	0	0	40	5,374	0	0	0	0	0	58	0
HACKENSACK HOSP	89	0	0	0	0	0	0	89	0	0	0	0
INSTITUTE FOR MEDICAL RES	1,209	0	0	0	0	0	0	1,209	0	0	0	0
MEMARK BETH ISRL N HOSP	154	0	0	0	0	0	0	154	0	0	0	0
OVERLOOK HOSPITAL	182	0	0	0	0	0	0	182	0	0	0	0
PRINCETON UNIV PRESS	145	0	0	0	0	0	0	0	0	0	145	0
TEXTILE RESEARCH INST	15	15	0	0	0	0	0	0	0	0	0	0
VOLUNTEERS OF AMERICA	5	0	0	0	0	0	0	0	0	0	0	5
NEW YORK, TOTAL	208,376	403	36	17,780	0	536	3,613	143,999	0	3,527	37,573	909
AM INST OF AERON & ASTRON	3,367	0	0	10	0	0	0	0	0	3,357	0	0
AM INST OF CHEM ENGINEERS	10	0	0	0	0	0	10	0	0	0	0	0
AMER ASSOC-PHYSICS TCHRS	588	0	0	0	0	0	0	0	0	0	588	0
AMER ASTRONOMICAL SOCIETY	96	0	0	0	0	0	0	0	0	0	96	0
AMER CNCL - LEARNED SOC	69	0	0	0	0	0	0	0	0	0	69	0
AMER INST OF PHYSICS	70	0	0	0	0	15	0	0	0	0	55	0
AMER MUSEUM OF NATL HIST	393	0	0	0	0	0	0	0	0	96	297	0
AMER PHYSICAL SOC	178	0	0	0	0	0	0	0	0	0	178	0
AMER SOC FOR CELL BIOLOGY	6	3	0	0	0	0	0	0	0	0	3	0
AMER SOC OF CIVIL ENG	250	0	0	0	0	0	175	0	0	0	75	0
AMERICAN HLTH FDN INC	12,030	0	0	0	0	0	0	12,030	0	0	0	0
ASSN RSCH VSN & OPHTH	26	0	0	0	0	0	0	26	0	0	0	0
ASSOC FOR COMPUTING MACH	27	0	0	0	0	0	0	0	0	0	27	0
B THOMPSON INST PLANT RES	781	188	0	0	0	0	276	0	0	0	317	0
BETH ISRAEL MEDICAL CTR	816	0	0	0	0	0	0	742	0	74	0	0
BURKE REHAB CTR	743	0	0	0	0	0	0	743	0	0	0	0
CATHLC MED C BRKLYN & QNS	1,098	0	0	0	0	0	0	1,098	0	0	0	0
CHILD HOSP OF BUFFALO	488	0	0	0	0	0	0	488	0	0	0	0
CHILDRENS TV WORKSHOP	4,750	0	0	0	0	0	0	0	0	0	4,750	0
COLD SPRING HARBOR LAB	11,841	12	0	0	0	17	47	10,538	0	0	1,227	0
COMM CNCL GREATER NY	10	0	0	0	0	0	0	0	0	0	0	10
CTR REL ETHICS & SOC POL	17	0	0	0	0	0	0	0	0	0	17	0
DOSECC, INC	3,424	0	0	0	0	0	0	0	0	0	3,424	0
EDUC BROADCASTING CORP	1	0	0	0	0	0	0	0	0	0	1	0
EMPIRE ST MED SCI & ED	13	0	0	0	0	0	0	13	0	0	0	0
EQUINOX FILMS INC	183	0	0	0	0	0	0	0	0	0	183	0
GENESEE HOSPITAL	402	0	0	0	0	0	0	402	0	0	0	0
GIRLS CLUB OF AMERICA INC	237	0	0	0	0	0	0	0	0	0	237	0
HEALTH RESEARCH INC.	896	0	0	300	0	0	98	0	0	0	498	0
HELEN HAYES HOSPITAL	1,049	0	0	0	0	0	0	1,049	0	0	0	0
HIST OF SCIENCE SOCIETY	10	0	0	0	0	0	0	0	0	0	10	0
HOSP FOR SPECIAL SURGERY	1,395	0	0	0	0	0	0	1,395	0	0	0	0
HOSP JOINT DIS ORTHO	1,512	0	0	0	0	0	0	1,438	0	0	74	0
HUDSON INST	810	0	0	0	0	0	0	60	0	0	0	750
INDUSTRIAL MGMT COUNCIL	2	0	0	0	0	0	0	0	0	0	2	0
INST OF ELEC ENGRS INC	34	0	0	0	0	15	0	0	0	0	19	0
INTER-FAITH MED CTR	432	0	0	0	0	0	0	432	0	0	0	0
JOINT OCEAN INSTS INC	23,596	0	0	0	0	0	0	0	0	0	23,596	0
LONG ISL JEWISH HILLSIDE	3,437	0	0	0	0	0	0	3,437	0	0	0	0
MANHATTAN EYE/EAR/THROAT	125	0	0	0	0	0	0	125	0	0	0	0
MARY INOGENE BASSET HOSP	364	0	0	0	0	0	0	364	0	0	0	0
MASONIC MEDICAL RSCH LAB	315	0	0	0	0	0	0	315	0	0	0	0
MEDICAL RES FND BUFFALO	2,173	0	0	0	0	0	0	1,828	0	0	345	0
MONTEFIORE HOSP & MED CTR	7,002	0	0	0	0	0	0	7,002	0	0	0	0
N Y STATE PSYCH INST	13,550	0	0	0	0	0	0	13,550	0	0	0	0
N Y ZOOLOGICAL SOCIETY	90	0	0	90	0	0	0	0	0	0	0	0
NASSAU CNTY OFF HMS SRVS	3	0	0	0	0	0	0	0	0	0	0	3
NAT BUREAU OF ECON RES	101	0	0	0	0	0	0	0	0	0	101	0

SEE FOOTNOTES AT END OF TABLE.

TABLE B-23. — FEDERAL OBLIGATIONS TO INDEPENDENT NONPROFIT INSTITUTIONS FOR RESEARCH AND DEVELOPMENT AND R&D PLANT BY GEOGRAPHIC DIVISION, STATE, INSTITUTION, AND AGENCY: FISCAL YEAR 1987

CONTINUED

(DOLLARS IN THOUSANDS)

GEOGRAPHIC DIVISION, STATE & INSTITUTION	TOTAL	USDA	CDM	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
NEW YORK, CONT'D												
NATL CNCR NEIGHBORHOOD NTWK	10	0	0	0	0	0	0	0	0	0	0	10
NEW YORK BLOOD CENTER	4,213	0	0	200	0	0	0	4,013	0	0	0	0
NEW YORK BOTANICAL GARDEN	615	0	36	0	0	39	0	0	0	0	540	0
NEWINGTON CHILDREN'S HOSP	18	0	0	0	0	0	0	18	0	0	0	0
NORTH SHORE UNIV HOSP	1,673	0	0	0	0	0	0	1,673	0	0	0	0
NY ACADEMY OF SCIENCE	25	0	0	0	0	0	0	0	0	0	25	0
NY WOMENS EMP CENTER	3	0	0	0	0	0	0	0	0	0	0	3
POPULATION COUNCIL	2,904	200	0	0	0	0	0	2,607	0	0	97	0
PUBLIC HEALTH RES INST	4,254	0	0	140	0	0	0	3,924	0	0	190	0
RIVERSIDE RES INST	13,787	0	0	12,730	0	0	0	1,057	0	0	0	0
ROCHESTER MUSEUM SCI CTR	67	0	0	0	0	0	0	0	0	0	67	0
ROCHESTER ST MARY'S HOSP	140	0	0	0	0	0	0	140	0	0	0	0
ROOSEVELT HOSPITAL	53	0	0	0	0	0	0	0	0	0	53	0
ROSWELL PARK MEM INST	21,078	0	0	20	0	0	75	20,983	0	0	0	0
SLOAN-KETTERING INST	43,207	0	0	190	0	480	0	42,477	0	0	90	0
SOCIAL SCIENCE RSCH CNCL	119	0	0	0	0	0	0	0	0	0	119	0
ST LUKE'S HOSPITAL CENTER	2,465	0	0	0	0	0	0	2,465	0	0	0	0
ST LUKE'S INST FOR HEALTH	3,632	0	0	0	0	0	0	3,632	0	0	0	0
ST LUKE'S MEM HOSP CTR	75	0	0	0	0	0	0	75	0	0	0	0
ST VINCENT'S HOSP&MED CTR	102	0	0	0	0	0	0	102	0	0	0	0
SYRACUSE RESEARCH CORP	7,123	0	0	4,100	0	0	2,922	0	0	0	101	0
TISSUE CULTURE ASSN INST	2,164	0	0	0	0	0	0	2,164	0	0	0	0
TRUDEAU INSTITUTE INC	1,403	0	0	0	0	0	0	1,403	0	0	0	0
UNITED ENGINEERING TRUSTS	112	0	0	0	0	0	10	0	0	0	102	0
US-USSR TRADE & ECO CNCL	133	0	0	0	0	0	0	0	0	0	0	133
WINTHROP UNIV HOSP	191	0	0	0	0	0	0	191	0	0	0	0
PENNSYLVANIA, TOTAL	95,140	86	0	1,704	2,737	16,573	121	71,119	173	782	1,786	99
ACAD NATURAL SCI OF PHIL	704	0	0	0	0	150	121	0	0	0	433	0
ALBERT EINSTEIN MED CTR	189	0	0	0	0	0	0	189	0	0	0	0
ALLEGHENY SINGER RSCH	682	0	0	0	0	0	0	682	0	0	0	0
AMER INSTITUTES FOR RES	4,145	0	0	1,250	0	0	0	2,895	0	0	0	0
BITUMINOUS COAL RES, INC	173	0	0	0	0	0	0	0	173	0	0	0
CARNEGIE INST OF PITTS	163	0	0	0	0	0	0	0	0	60	103	0
CHILD HOSP OF PHILA	9,499	0	0	40	0	0	0	9,459	0	0	0	0
CHILD HOSP OF PITTSBURGH	3,160	0	0	0	0	0	0	3,160	0	0	0	0
COMBUSTION INSTITUTE	14	0	0	10	0	0	0	0	0	0	4	0
D GUTHRIE FDN MED RES	144	0	0	0	0	0	0	144	0	0	0	0
EYE & EAR HOSP - PITTSBGH	1,323	0	0	0	0	0	0	1,323	0	0	0	0
FRANKLIN INST	35	0	0	30	0	0	0	0	0	0	5	0
GESSINGER MEDICAL CENTER	838	0	0	0	0	0	0	838	0	0	0	0
GRADUATE HOSP	1,695	0	0	0	0	0	0	1,695	0	0	0	0
INST FOR CANCER RESEARCH	14,397	0	0	0	0	0	0	13,916	0	0	481	0
INST FOR MED EDUC & RES	2	0	0	0	0	0	0	2	0	0	0	0
LANKENAU HOSPITAL	445	0	0	0	0	0	0	445	0	0	0	0
MAGEE WOMEN'S HOSP	907	0	0	0	0	0	0	907	0	0	0	0
MATERIALS RESEARCH SOC	93	0	0	92	0	0	0	0	0	0	1	0
MERCY HOSP/SCRANTON	44	0	0	0	0	0	0	44	0	0	0	0
METRO PITTS PUB BROADC,IN	50	0	0	0	0	0	0	0	0	0	50	0
MONELL CHEM SENSES CNTR	3,093	86	0	0	0	0	0	2,690	0	0	317	0
MONTEFIORE HOSPITAL	1,355	0	0	0	0	0	0	1,355	0	0	0	0
MPC CORP	1,354	0	0	0	0	0	0	1,354	0	0	0	0
NAT'L DISEASE RSCH IN OIC	960	0	0	0	0	0	0	960	0	0	0	0
PENNSYLVANIA HOSPITAL	99	0	0	0	0	0	0	0	0	0	0	99
PHILADELPHIA GERIATRC CTR	829	0	0	0	0	0	0	829	0	0	0	0
PHILADELPHIA PSYCHIATRIC	2,902	0	0	0	0	0	0	2,902	0	0	0	0
PITTSBURGH RESEARCH INST	399	0	0	0	0	0	0	399	0	0	0	0
PRIMAK EDUCAT FOUNDATION	113	0	0	0	0	0	0	113	0	0	0	0
PRSBYTN UNIV PENN MED CTR	71	0	0	0	71	0	0	0	0	0	0	0
RADIATION RESEARCH SOC	1,346	0	0	0	0	0	0	1,346	0	0	0	0
RES FOR BETTER SCHS INC	15	0	0	0	0	0	0	15	0	0	0	0
SOCIETY INDSTRL APP M	2,646	0	0	0	2,646	0	0	0	0	0	0	0
SOCIETY OF AUTOMOTIVE ENG	197	0	0	42	0	16	0	0	0	0	139	0
ST CHRISTOPHER'S HOSPITAL	240	0	0	240	0	0	0	0	0	0	0	0
UNIV CITY SCIENCE CENTER	14,800	0	0	0	0	14,800	0	0	0	0	0	0
WILLS EYE HOSPITAL	6,479	0	0	0	0	1,607	0	4,150	0	722	0	0
WISTAR INST	499	0	0	0	0	0	0	499	0	0	0	0
	19,181	0	0	0	0	0	0	18,928	0	0	253	0
EAST NORTH CENTRAL, TOTAL	206,959	5	0	110,280	3,438	6,914	15,000	63,516	0	3,079	3,662	965
ILLINOIS, TOTAL	85,277	0	0	57,910	3,438	2,996	487	17,329	0	118	2,444	955
AMER DENTAL ASSOC HLTH	1,045	0	0	0	0	0	0	1,045	0	0	0	0
AMER INST OF STEEL CONSTR	85	0	0	0	0	0	0	0	0	0	85	0
AMER PUBLIC WORKS ASSOC	912	0	0	0	0	0	162	0	0	0	0	750
AMERICAN LIBRARY ASSOC	3	0	0	0	3	0	0	0	0	0	0	0
AMERICAN NUCLEAR SOCIETY	44	0	0	0	0	44	0	0	0	0	0	0
ASSOC COL OF MIDWEST	13	0	0	0	0	0	0	0	0	0	13	0
CHICAGO WOMEN IN TRADES	7	0	0	0	0	0	0	0	0	0	0	7
CHILD MEMORIAL HOSPITAL	230	0	0	0	0	0	0	230	0	0	0	0
COUNCIL FOR ADV SCI MRIT	26	0	0	0	0	0	0	0	0	0	26	0
EAST ASIAN MIST SCI	55	0	0	0	0	0	0	0	0	0	55	0
EVANSTON HOSPITAL	688	0	0	0	0	0	0	688	0	0	0	0
FIELD MUSEUM NATURAL HIST	626	0	0	0	0	0	0	83	0	0	543	0
HEKTOEN INST FOR MED RES	671	0	0	0	0	0	0	671	0	0	0	0

SEE FOOTNOTES AT END OF TABLE.

TABLE B-33. — FEDERAL OBLIGATIONS TO INDEPENDENT NONPROFIT INSTITUTIONS FOR RESEARCH AND DEVELOPMENT AND R&D PLANT BY GEOGRAPHIC DIVISION, STATE, INSTITUTION, AND AGENCY: FISCAL YEAR 1987

CONTINUED

(DOLLARS IN THOUSANDS)

GEOGRAPHIC DIVISION, STATE & INSTITUTION	TOTAL	USDA	CDN	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
NEW YORK, CONT'D												
NATL CNCR NEIGHBORHOOD NNN	10	0	0	0	0	0	0	0	0	0	0	10
NEW YORK BLOOD CENTER	4,213	0	0	200	0	0	0	4,013	0	0	0	0
NEW YORK BOTANICAL GARDEN	615	0	36	0	0	39	0	0	0	0	540	0
NEWINGTON CHILDREN'S HOSP	18	0	0	0	0	0	0	18	0	0	0	0
NORTH SHORE UNIV HOSP	1,673	0	0	0	0	0	0	1,673	0	0	0	0
NY ACADEMY OF SCIENCE	25	0	0	0	0	0	0	0	0	0	25	0
NY WOMENS ENP CENTER	3	0	0	0	0	0	0	0	0	0	0	3
POPULATION COUNCIL	2,904	200	0	0	0	0	0	2,607	0	0	97	0
PUBLIC HEALTH RES INST	4,254	0	0	140	0	0	0	3,924	0	0	190	0
RIVERSIDE RES INST	13,787	0	0	12,730	0	0	0	1,057	0	0	0	0
ROCHESTER MUSEUM SCI CTR	67	0	0	0	0	0	0	0	0	0	67	0
ROCHESTER ST MARY'S HOSP	140	0	0	0	0	0	0	140	0	0	0	0
ROOSEVELT HOSPITAL	53	0	0	0	0	0	0	0	0	0	53	0
ROSWELL PARK MEM INST	21,078	0	0	20	0	0	75	20,983	0	0	0	0
SLOAN-KETTERING INST	43,207	0	0	190	0	450	0	42,477	0	0	90	0
SOCIAL SCIENCE RSCH CNCL	119	0	0	0	0	0	0	0	0	0	119	0
ST LUKE'S HOSPITAL CENTER	2,465	0	0	0	0	0	0	2,465	0	0	0	0
ST LUKE'S INST FOR HEALTH	3,632	0	0	0	0	0	0	3,632	0	0	0	0
ST LUKE'S MEM HOSP CTR	75	0	0	0	0	0	0	75	0	0	0	0
ST VINCENT'S HOSP&MED CTR	102	0	0	0	0	0	0	102	0	0	0	0
SYRACUSE RESEARCH CORP	7,123	0	0	4,100	0	0	2,922	0	0	0	101	0
TISSUE CULTURE ASSN INST	2,164	0	0	0	0	0	0	2,164	0	0	0	0
TRUDEAU INSTITUTE INC	1,403	0	0	0	0	0	0	1,403	0	0	0	0
UNITED ENGINEERING TRUSTS	112	0	0	0	0	0	10	0	0	0	102	0
US-USSR TRADE & ECO CNCL	133	0	0	0	0	0	0	0	0	0	0	133
WINTHROP UNIV HOSP	191	0	0	0	0	0	0	191	0	0	0	0
PENNSYLVANIA, TOTAL	95,140	86	0	1,704	2,737	16,573	121	71,119	173	782	1,786	59
ACAD NATURAL SCI OF PHIL	704	0	0	0	0	150	121	0	0	0	433	0
ALBERT EINSTEIN MED CTR	189	0	0	0	0	0	0	189	0	0	0	0
ALLEGHENY SINGER RSCH	682	0	0	0	0	0	0	682	0	0	0	0
AMER INSTITUTES FOR RES	4,145	0	0	1,250	0	0	0	2,895	0	0	0	0
BITUMINOUS COAL RES, INC	173	0	0	0	0	0	0	0	173	0	0	0
CARNEGIE INST OF PITTS	163	0	0	0	0	0	0	0	0	60	103	0
CHILD HOSP OF PHILA	9,499	0	0	40	0	0	0	9,459	0	0	0	0
CHILD HOSP OF PITTSBURGH	3,160	0	0	0	0	0	0	3,160	0	0	0	0
COMBUSTION INSTITUTE	14	0	0	10	0	0	0	0	0	0	4	0
D GUTHRIE FDN MED RES	144	0	0	0	0	0	0	144	0	0	0	0
EYE & EAR HOSP - PITTSBGH	1,323	0	0	0	0	0	0	1,323	0	0	0	0
FRANKLIN INST	35	0	0	30	0	0	0	0	0	0	5	0
GESSINGER MEDICAL CENTER	838	0	0	0	0	0	0	838	0	0	0	0
GRADUATE HOSP	1,655	0	0	0	0	0	0	1,655	0	0	0	0
INST FOR CANCER RESEARCH	14,397	0	0	0	0	0	0	13,916	0	0	481	0
INST FOR MED EDUC & RES	2	0	0	0	0	0	0	2	0	0	0	0
LANKENAU HOSPITAL	445	0	0	0	0	0	0	445	0	0	0	0
MAGEE WOMEN'S HOSP	907	0	0	0	0	0	0	907	0	0	0	0
MATERIALS RESEARCH SOC	93	0	0	92	0	0	0	0	0	0	1	0
MERCY HOSP/SCRANTON	44	0	0	0	0	0	0	44	0	0	0	0
METRO PITTS PUB BROADC,IN	50	0	0	0	0	0	0	0	0	0	50	0
MONELL CHEM SENSES CNTR	3,093	86	0	0	0	0	0	2,690	0	0	317	0
MONTEFIORE HOSPITAL	1,355	0	0	0	0	0	0	1,355	0	0	0	0
MPC CORP	1,354	0	0	0	0	0	0	1,354	0	0	0	0
NAT'L DISEASE RSCH IN	960	0	0	0	0	0	0	960	0	0	0	0
OIC	59	0	0	0	0	0	0	0	0	0	0	59
PENNSYLVANIA HOSPITAL	829	0	0	0	0	0	0	829	0	0	0	0
PHILADELPHIA GERIATRC CTR	2,902	0	0	0	0	0	0	2,902	0	0	0	0
PHILADELPHIA PSYCHIATRIC	359	0	0	0	0	0	0	359	0	0	0	0
PITTSBURGH RESEARCH INST	113	0	0	0	0	0	0	113	0	0	0	0
PRIMAK EDUCAT FOUNDATION	71	0	0	0	71	0	0	0	0	0	0	0
PRSBYTN UNIV PENN MED CTR	1,346	0	0	0	0	0	0	1,346	0	0	0	0
RADIATION RESEARCH SOC	15	0	0	0	0	0	0	15	0	0	0	0
RES FOR BETTER SCHS INC	2,666	0	0	0	2,666	0	0	0	0	0	0	0
SOCIETY INDSTRL APP M	197	0	0	42	0	16	0	0	0	0	139	0
SOCIETY OF AUTOMOTIVE ENG	240	0	0	240	0	0	0	0	0	0	0	0
ST CHRISTOPHER'S HOSPITAL	14,800	0	0	0	0	14,800	0	0	0	0	0	0
UNIV CITY SCIENCE CENTER	6,479	0	0	0	0	1,607	0	4,150	0	722	0	0
WILLS EYE HOSPITAL	459	0	0	0	0	0	0	459	0	0	0	0
WISTAR INST	19,181	0	0	0	0	0	0	18,928	0	0	253	0
EAST NORTH CENTRAL, TOTAL	206,559	5	0	110,380	3,438	6,514	15,000	63,516	0	3,079	3,662	965
ILLINOIS, TOTAL	85,277	0	0	57,510	3,438	2,996	487	17,329	0	118	2,444	955
AMER DENTAL ASSOC HLTH	1,045	0	0	0	0	0	0	1,045	0	0	0	0
AMER INST OF STEEL CONSTR	85	0	0	0	0	0	0	0	0	0	85	0
AMER PUBLIC WORKS ASSOC	912	0	0	0	0	0	162	0	0	0	0	750
AMERICAN LIBRARY ASSOC	3	0	0	0	3	0	0	0	0	0	0	0
AMERICAN NUCLEAR SOCIETY	44	0	0	0	0	44	0	0	0	0	0	0
ASSOC COL OF MIDWEST	13	0	0	0	0	0	0	0	0	0	13	0
CHICAGO WOMEN IN TRADES	7	0	0	0	0	0	0	0	0	0	0	7
CHILD MEMORIAL HOSPITAL	230	0	0	0	0	0	0	230	0	0	0	0
COUNCIL FOR ADV SCI NRIT	26	0	0	0	0	0	0	0	0	0	26	0
EAST ASIAN HIST SCI	55	0	0	0	0	0	0	0	0	0	55	0
EVANSTON HOSPITAL	688	0	0	0	0	0	0	688	0	0	0	0
FIELD MUSEUM NATURAL HIST	626	0	0	0	0	0	0	83	0	0	543	0
HEKTOEN INST FOR MED RES	671	0	0	0	0	0	0	671	0	0	0	0

SEE FOOTNOTES AT END OF TABLE.

TABLE B-33. — FEDERAL OBLIGATIONS TO INDEPENDENT NONPROFIT INSTITUTIONS FOR RESEARCH AND DEVELOPMENT AND R&D PLANT BY GEOGRAPHIC DIVISION, STATE, INSTITUTION, AND AGENCY: FISCAL YEAR 1987

CONTINUED

(DOLLARS IN THOUSANDS)

GEOGRAPHIC DIVISION, STATE & INSTITUTION	TOTAL	USDA	CON	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
ILLINOIS, CONT'D												
IIT RESEARCH INSTITUTE	62,117	0	0	56,100	0	434	325	4,996	0	118	0	144
INGALLS MEM HOSPITAL	129	0	0	0	0	0	0	129	0	0	0	0
INST OF GAS TECHNOLOGY	3,588	0	0	1,110	0	2,478	0	0	0	0	0	0
MCHL REESE HOSP & MED CTR	1,982	0	0	0	0	0	0	1,982	0	0	0	0
MERCY HOSPITAL & MED CTR	78	0	0	0	0	0	0	78	0	0	0	0
METHODIST HOSPITAL-PEORIA	181	0	0	0	0	0	0	181	0	0	0	0
MUSEUM OF SCI & INDUSTRY	40	0	0	0	0	40	0	0	0	0	0	0
NAT OPINION RESEARCH CTR	6,320	0	0	120	2,901	0	0	1,633	0	0	1,666	0
NATL COUN TEACHERS ENGL	195	0	0	0	195	0	0	0	0	0	0	0
NC REG EDUCATIONAL LAB	339	0	0	0	339	0	0	0	0	0	0	0
NORTHWESTERN MEM HOSPITAL	210	0	0	0	0	0	0	210	0	0	0	0
NORTHWTN CNCL URB ECO DEV	50	0	0	0	0	0	0	0	0	0	0	50
REHAB INST OF CHICAGO	643	0	0	0	0	0	0	643	0	0	0	0
RUSH PRSBYTRN/ST LKS	4,996	0	0	180	0	0	0	4,760	0	0	56	0
YMCA OF METRO CHICAGO	4	0	0	0	0	0	0	0	0	0	0	4
INDIANA, TOTAL	1,228	5	0	0	0	0	0	292	0	657	273	1
AGENCY FOR INSTR TECHNOL	273	0	0	0	0	0	0	0	0	0	273	0
CONSERVATION TILLAGE INFO	5	5	0	0	0	0	0	0	0	0	0	0
INDIANAPLS CTR ADV RSCH	704	0	0	0	0	0	0	94	0	610	0	0
LARUE D CARTER MEM HOSP	123	0	0	0	0	0	0	123	0	0	0	0
NATL CONS GRAD ENG MIN	47	0	0	0	0	0	0	0	0	47	0	0
ST MARY'S MED CTR EVANSVL	75	0	0	0	0	0	0	75	0	0	0	0
YMCA OF INDIANAPOLIS	1	0	0	0	0	0	0	0	0	0	0	1
MICHIGAN, TOTAL	28,345	0	0	11,280	0	0	0	16,581	0	101	374	9
BORGESS MED CENTER	85	0	0	0	0	0	0	85	0	0	0	0
BUTTERWORTH HOSPITAL	199	0	0	0	0	0	0	199	0	0	0	0
CHILD HOSP OF MICHIGAN	412	0	0	0	0	0	0	412	0	0	0	0
COMMISSION ON PROF HOSP	5,985	0	0	5,920	0	0	0	65	0	0	0	0
ENVIRONMENTAL RES INST	5,381	0	0	5,280	0	0	0	0	0	101	0	0
HARPER-GRACE HOSPS	259	0	0	0	0	0	0	259	0	0	0	0
HENRY FORD HOSPITAL	7,796	0	0	0	0	0	0	7,796	0	0	0	0
IMPRESSION 5 MUSEUM	4	0	0	0	0	0	0	0	0	0	4	0
INDUSTRIAL TECH INSTITUTE	217	0	0	80	0	0	0	0	0	0	137	0
MICH MTRWYS CNCL GIRL SCT	9	0	0	0	0	0	0	0	0	0	0	9
MICHIGAN CANCER FDN	6,758	0	0	0	0	0	0	6,758	0	0	0	0
MICHIGAN MOLECULAR INST	193	0	0	0	0	0	0	0	0	0	193	0
PROVIDENCE HOSPITAL-MICH	40	0	0	0	0	0	0	0	0	0	40	0
SINAI HOSPITAL OF DETROIT	537	0	0	0	0	0	0	537	0	0	0	0
WILLIAM BEAUMONT HOSPITAL	470	0	0	0	0	0	0	470	0	0	0	0
OHIO, TOTAL	88,881	0	0	41,990	0	3,518	14,513	26,939	0	2,203	118	0
BATTELLE MEMORIAL INST	69,316	0	0	41,520	0	3,458	14,370	7,765	0	2,203	0	0
C F KETTERING RSCH FNDTN	271	0	0	0	0	0	0	153	0	0	118	0
CHILD HOSP MED CTR CINCIN	5,283	0	0	0	0	0	0	5,283	0	0	0	0
CHILD HOSP OF COLUMBUS	1,004	0	0	0	0	0	0	1,004	0	0	0	0
CLEVELAND CLINIC FDN	9,866	0	0	0	0	0	0	9,866	0	0	0	0
CLEVELAND MTRPLTN GEN	7	0	0	0	0	0	0	7	0	0	0	0
CLEVELAND RSCH INST	99	0	0	0	0	0	0	99	0	0	0	0
EDISON WELDING INSTITUTE	60	0	0	0	0	60	0	0	0	0	0	0
GRANT HOSPITAL	168	0	0	0	0	0	0	168	0	0	0	0
HIPPLE CNCR RSCH CTR	93	0	0	0	0	0	0	93	0	0	0	0
JAMES N GAMBLE INST MED	366	0	0	70	0	0	64	232	0	0	0	0
KETTERING MEDICAL CENTER	143	0	0	0	0	0	0	143	0	0	0	0
LORAIN CNTY HOSPITAL	50	0	0	0	0	0	0	50	0	0	0	0
MT SINAI HOSP-CLEVELAND	658	0	0	0	0	0	0	658	0	0	0	0
NATL WATER WELL ASSOC	79	0	0	0	0	0	79	0	0	0	0	0
ST LUKE'S HOSP-UTD METH	17	0	0	0	0	0	0	17	0	0	0	0
ST VINCENT CHARITY HOSP	89	0	0	0	0	0	0	89	0	0	0	0
UNIVERISTY HOSPS-CLEVELND	1,352	0	0	0	0	0	0	1,352	0	0	0	0
WISCONSIN, TOTAL	2,828	0	0	0	0	0	0	2,375	0	0	453	0
AMER SOC OF LIMNOL & OC	36	0	0	0	0	0	0	0	0	0	36	0
MILWAUKEE BLOOD CENTER	913	0	0	0	0	0	0	913	0	0	0	0
MRSHFLD CLN FD/MED RES&E	353	0	0	0	0	0	0	353	0	0	0	0
MT SINAI MEDICAL CTR INC	1,109	0	0	0	0	0	0	1,109	0	0	0	0
WISC PUBLIC TELEVIS NETW	417	0	0	0	0	0	0	0	0	0	417	0
WEST NORTH CENTRAL, TOTAL	65,627	0	0	2,812	1,889	207	8,741	50,273	0	192	1,502	11
IOWA, TOTAL	159	0	0	0	0	0	0	154	0	0	5	0
IOWA ONCOLOGY RSCH ASSN	154	0	0	0	0	0	0	154	0	0	0	0
SOC OF ECON PALEONTLG&MIN	5	0	0	0	0	0	0	0	0	0	5	0
KANSAS, TOTAL	441	0	0	0	0	0	0	441	0	0	0	0
MENNINGER FOUNDATION	251	0	0	0	0	0	0	251	0	0	0	0
ST FRANCIS HOSP/WICHI	190	0	0	0	0	0	0	190	0	0	0	0

SEE FOOTNOTES AT END OF TABLE.

TABLE B-33. — FEDERAL OBLIGATIONS TO INDEPENDENT NONPROFIT INSTITUTIONS FOR RESEARCH AND DEVELOPMENT AND R&D PLANT BY GEOGRAPHIC DIVISION, STATE, INSTITUTION, AND AGENCY: FISCAL YEAR 1987

CONTINUED

(DOLLARS IN THOUSANDS)

GEOGRAPHIC DIVISION, STATE & INSTITUTION	TOTAL	USDA	COM	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
MINNESOTA, TOTAL	40,913	0	0	2,520	0	0	0	38,008	0	0	380	5
AMHERST H WILDEN FDN	106	0	0	0	0	0	0	106	0	0	0	0
BAKKEN LIBR OF ELECT IN L	28	0	0	0	0	0	0	0	0	0	28	0
CHILDREN'S HOSP-ST PAUL	457	0	0	0	0	0	0	457	0	0	0	0
INTERSTUDY	50	0	0	0	0	0	0	50	0	0	0	0
MAYO FOUNDATION	39,823	0	0	2,520	0	0	0	36,951	0	0	352	0
MINNEAPOLIS MED RES FDN	150	0	0	0	0	0	0	150	0	0	0	0
MINNEAPOLIS URBAN LEAGUE	5	0	0	0	0	0	0	0	0	0	0	5
MT SINAI HOSP-MINNAPOLIS	294	0	0	0	0	0	0	294	0	0	0	0
MISSOURI, TOTAL	23,431	0	0	292	1,889	207	8,741	11,438	0	192	667	5
BAPTIST MED CTR	135	0	0	0	0	0	0	135	0	0	0	0
CANCER RES CENTER	52	0	0	0	0	0	0	52	0	0	0	0
CENTRAL INST FOR THE DEAF	418	0	0	242	0	0	0	0	0	100	76	0
CHILDREN'S MERCY HP-K	12	0	0	0	0	0	0	12	0	0	0	0
EMERGY TASK FRCE MGT CO	100	0	0	0	0	100	0	0	0	0	0	0
JEWISH HOSP OF ST LOUIS	6,420	0	0	0	0	0	0	6,420	0	0	0	0
MIDCONTINENT REG EDUC LAB	1,894	0	0	0	1,889	0	0	0	0	0	0	5
MIDWEST RESEARCH INST	13,203	0	0	50	0	107	8,741	4,213	0	92	0	0
MISSOURI BAPTIST HOSPITAL	121	0	0	0	0	0	0	121	0	0	0	0
MISSOURI BOTANICAL GARDEN	568	0	0	0	0	0	0	0	0	0	568	0
ST JOHN'S REG'L HLTH	44	0	0	0	0	0	0	44	0	0	0	0
ST JOHNS MERCY MED C	123	0	0	0	0	0	0	123	0	0	0	0
ST LOUIS SCIENCE CENTER	23	0	0	0	0	0	0	0	0	0	23	0
ST LUKE'S HOSP-CHESTFLD	92	0	0	0	0	0	0	92	0	0	0	0
ST LUKE'S HOSP-KANSAS C	226	0	0	0	0	0	0	226	0	0	0	0
NEBRASKA, TOTAL	451	0	0	0	0	0	0	0	0	0	450	1
NEBRASKANS FOR PUB TEL IN	450	0	0	0	0	0	0	0	0	0	450	0
THE OMAHA NEB YMCA	1	0	0	0	0	0	0	0	0	0	0	1
NORTH DAKOTA, TOTAL	232	0	0	0	0	0	0	232	0	0	0	0
ST LUKE'S HOSP-FARGO	232	0	0	0	0	0	0	232	0	0	0	0
SOUTH ATLANTIC, TOTAL	218,667	96	6,056	58,818	4,566	25,269	18,703	46,591	1,848	36,370	11,557	8,793
DELAWARE, TOTAL	1,037	0	0	0	0	156	0	153	0	0	728	0
FRANKLIN INST-BARTOL RSCH	884	0	0	0	0	156	0	0	0	0	728	0
WILMINGTON MEDICAL CENTER	153	0	0	0	0	0	0	153	0	0	0	0
DISTRICT OF COLUMBIA, TOTAL	91,633	75	1,018	19,478	293	23,333	5,373	7,124	1,774	14,903	9,909	8,353
ALLIANCE TO SAVE ENERGY	100	0	0	0	0	100	0	0	0	0	0	0
AM COL NUCLEAR PHYSICISTS	72	0	0	0	0	72	0	0	0	0	0	0
AMER ASSN COL TEACHER	293	0	0	0	293	0	0	0	0	0	0	0
AMER ASSOC-ADVANCMNT SCI	465	0	0	0	0	0	293	0	0	0	172	0
AMER ENTERPRISE INSTITUTE	10	0	0	0	0	0	0	0	0	0	0	10
AMER SOC FOR MICROBIOLOGY	8	0	0	0	0	0	0	0	0	0	8	0
AMER SOCIETY-EMGR EDUC	4,076	0	0	3,810	0	0	0	0	0	0	266	0
AMER SOCIOLOGICAL ASSOC	45	0	0	0	0	0	0	0	0	0	45	0
AMER STATISTICAL ASSOC	884	0	0	0	0	5	48	0	0	0	831	0
AMERICAN CHEMICAL SOCIETY	98	0	0	0	0	61	0	0	0	0	37	0
AMERICAN COUNCIL ON EDUCA	1,060	0	0	1,060	0	0	0	0	0	0	0	0
AMERICAN GEOPHYSICL UNION	191	0	0	0	0	0	0	0	0	0	191	0
AMERICAN PSYCHOLOGL ASSOC	98	0	0	0	0	0	0	0	0	0	98	0
ASSN OF AMERICAN RAILRDS	5,121	0	0	0	0	0	0	0	0	0	0	5,121
ASSOC OF SCIENCE-TECH CNT	87	0	0	0	0	0	0	0	0	0	87	0
ASSOCIATED UNIVERSITIES	92	0	0	0	0	0	0	0	0	90	2	0
BROOKINGS INSTITUTION	56	0	0	0	0	0	0	0	0	0	0	56
CARNEGIE INST OF WASH	3,191	0	0	0	0	0	0	2,141	25	261	764	0
CHIEF STATE SCHL OFF	306	0	0	0	0	0	0	0	0	0	306	0
CHILD TRENDS, INC	98	0	0	0	0	0	0	0	0	0	98	0
CLIMATE INSTITUTE	60	0	60	0	0	0	0	0	0	0	0	0
CONEG POLICY RSCH CNTR	650	0	0	0	0	650	0	0	0	0	0	0
CONF BD MATHEMATICAL SCI	101	0	0	0	0	0	0	0	0	0	101	0
CONSERVATION FDN	340	0	0	0	0	0	340	0	0	0	0	0
COTTON FOUNDATION	75	75	0	0	0	0	0	0	0	0	0	0
DC ASS RETARDED CITIZENS	5	0	0	0	0	0	0	0	0	0	0	5
DISPLACED HOMEMAKERS NMK	260	0	0	0	0	0	0	0	0	0	0	260
EMP BENEFIT RSCH INST	10	0	0	0	0	0	0	0	0	0	0	10
ENVIRONMENTAL LAW INST	180	0	0	0	0	0	180	0	0	0	0	0
GORGAS MEM INST TRPCL MED	1,189	0	0	430	0	0	0	759	0	0	0	0
MATH ASSOC OF AMERICA	482	0	0	0	0	0	0	0	0	0	482	0
MORTGAGE BANKERS ASSOC	66	0	0	0	0	0	0	0	0	0	0	66
NAT FISHERIES EDU/RSCH FD	158	0	158	0	0	0	0	0	0	0	0	0
NAT'L ACADEMY OF SCIENCES	54,497	0	750	14,020	0	15,579	1,472	168	1,686	13,337	5,304	2,181
NATIONAL GOVERNOR'S ASSOC	2,460	0	0	0	0	0	2,460	0	0	0	0	0
NATIONAL PLANNING ASSOC	51	0	0	0	0	0	0	0	0	0	51	0
NATIONAL PUBLIC RADIO	589	0	0	0	0	0	0	0	0	0	589	0
NATL ACAD PUBLIC ADMIN	355	0	0	0	0	0	0	0	0	355	0	0
NATL BIOMEDICAL RES FDN	205	0	0	0	0	0	0	178	0	0	27	0
NATL CNCL TCHRS OF MATH	185	0	0	0	0	0	0	0	0	0	185	0
NATL SCI TEACHERS ASSOC	1,011	0	0	0	0	0	0	0	0	860	151	0

SEE FOOTNOTES AT END OF TABLE.

TABLE B-33. — FEDERAL OBLIGATIONS TO INDEPENDENT NONPROFIT INSTITUTIONS FOR RESEARCH AND DEVELOPMENT AND R&D PLANT BY GEOGRAPHIC DIVISION, STATE, INSTITUTION, AND AGENCY: FISCAL YEAR 1987

CONTINUED

(DOLLARS IN THOUSANDS)

GEOGRAPHIC DIVISION, STATE & INSTITUTION	TOTAL	USDA	CON	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
DISTRICT OF COLUMBIA, CONT'D												
NATL WILDLIFE FEDERAT	1	0	0	0	0	1	0	0	0	0	0	0
OPTICAL SOC OF AMERICA	182	0	0	158	0	0	0	0	0	0	24	0
RES FDN OF CHILDRENS HOSP	1,087	0	0	0	0	0	0	1,087	0	0	0	0
RESOURCES FOR FUTURE INC	683	0	0	0	0	0	580	0	63	0	40	0
RURAL AMERICA, INC	294	0	0	0	0	0	0	0	0	0	0	294
SOC FOR DEVELOPMENT BIO	10	0	0	0	0	0	0	0	0	0	10	0
SPORT FISHING INSTITUTE	30	0	30	0	0	0	0	0	0	0	0	0
STUDENT PUGWASH USA	18	0	0	0	0	0	0	0	0	0	18	0
TECH ASSTNCE & TRNG CORP	5	0	0	0	0	0	0	0	0	0	0	5
THE BLACK WOMENS AGENDA	10	0	0	0	0	0	0	0	0	0	0	10
TOBORG ASSOCIATES INC	6	0	0	0	0	0	0	0	0	0	6	0
UNITED STATES CONF MAYORS	50	0	0	0	0	50	0	0	0	0	0	0
UNIVERSITIES RES ASSOC	6,821	0	0	0	0	6,805	0	0	0	0	16	0
URBAN INSTITUTE	2,487	0	0	0	0	0	0	2,152	0	0	0	335
WASHINGTON HOSP CTR	639	0	0	0	0	0	0	639	0	0	0	0
WORLD RESOURCES INSTITUTE	20	0	20	0	0	0	0	0	0	0	0	0
WORLD WILDLIFE FUND - US	10	0	0	0	0	10	0	0	0	0	0	0
FLORIDA, TOTAL	6,541	0	3,526	150	0	0	8	2,357	0	0	500	0
FAIRCHILD TROPICAL GARDEN	25	0	0	0	0	0	0	0	0	0	25	0
GULF & S ATL FISH DEV FDN	535	0	535	0	0	0	0	0	0	0	0	0
GULF OF MEX FISH MGMT CNL	1,178	0	1,178	0	0	0	0	0	0	0	0	0
HARBOR BRANCH FOUNDATION	1,525	0	900	150	0	0	0	0	0	0	475	0
MARINE RESOURCES DEVEL FD	10	0	10	0	0	0	0	0	0	0	0	0
MIAMI HEART INSTITUTE	270	0	0	0	0	0	0	270	0	0	0	0
MOTE MARINE LABORATORY	8	0	0	0	0	0	8	0	0	0	0	0
MT SINAI HOSP MED CTR FLA	760	0	0	0	0	0	0	760	0	0	0	0
NEWFOUND HARBOR MARINE I	20	0	20	0	0	0	0	0	0	0	0	0
PERRY FOUNDATION INC	883	0	883	0	0	0	0	0	0	0	0	0
SHOWA U RSCH INST BIO	1,327	0	0	0	0	0	0	1,327	0	0	0	0
GEORGIA, TOTAL	1,241	0	0	80	49	1,036	0	61	0	0	0	15
COORD RESEARCH COUNCL	80	0	0	80	0	0	0	0	0	0	0	0
EDUCATIONAL EXCELLENCE	49	0	0	0	49	0	0	0	0	0	0	0
PHYLLIS WHEATLEY YMCA	15	0	0	0	0	0	0	0	0	0	0	15
SKIDAWAY INST OF OCEAN	800	0	0	0	0	800	0	0	0	0	0	0
SOUTHERN STATE ENERGY	236	0	0	0	0	236	0	0	0	0	0	0
ST JOSEPH'S HOSP-ATLN	61	0	0	0	0	0	0	61	0	0	0	0
MARYLAND, TOTAL	28,913	21	36	130	0	358	6	10,031	0	17,817	179	335
AM SOC OF PLANT PHYSIOL	6	0	0	0	0	0	6	0	0	0	0	0
AMER PHYSIOLOGICAL SOC	30	0	0	0	0	0	0	0	0	30	0	0
AMER TYPE CULTURE COLL	1,579	17	0	0	0	0	0	1,562	0	0	0	0
ASSN UNIVS RSCH & ASTRON	17,787	0	0	50	0	0	0	0	0	17,737	0	0
BIOMEDICAL RSCH INST	171	0	0	0	0	0	0	171	0	0	0	0
CHILD CARE MGT RESOURCES	10	0	0	0	0	0	0	0	0	0	0	10
ENTOMOLOGICAL SOC OF AMER	15	0	0	0	0	0	0	0	0	0	15	0
EYE RES FOUND OF BETHESDA	249	0	0	0	0	0	0	249	0	0	0	0
FED AMER SOC EXPER BIOL	110	4	0	80	0	0	0	0	0	0	26	0
FRIENDS OF PSYCHIATR RES	1,157	0	0	0	0	0	0	1,157	0	0	0	0
H M JACKSON FOUNDATION	1,507	0	0	0	0	0	0	1,507	0	0	0	0
HANDS-ON-SCI OUTREACH	76	0	0	0	0	0	0	0	0	0	76	0
INST COMPRTV SCI/CTL	43	0	0	0	0	0	0	43	0	0	0	0
JFK INST HANDICAPPED	2,187	0	0	0	0	0	0	2,145	0	0	42	0
MD CENTER FOR PUB BROADCT	36	0	36	0	0	0	0	0	0	0	0	0
MD MEDICAL RSCH INST	2,449	0	0	0	0	0	0	2,449	0	0	0	0
NAMB	325	0	0	0	0	0	0	0	0	0	0	325
NATL CNCL RAD PROT & MEAS	338	0	0	0	0	288	0	0	0	50	0	0
PACIFIC INST RSCH&EVA	222	0	0	0	0	0	0	222	0	0	0	0
RADIATION RSCH SOCIETY	70	0	0	0	0	70	0	0	0	0	0	0
SINAI HOSPITAL OF BALTO	92	0	0	0	0	0	0	92	0	0	0	0
SOC FOR NEUROSCIENCE	20	0	0	0	0	0	0	0	0	0	20	0
TRANSNATL PHLY RES INST	144	0	0	0	0	0	0	144	0	0	0	0
UNIV ASSOC RSCH/ED - PATH	290	0	0	0	0	0	0	290	0	0	0	0
NORTH CAROLINA, TOTAL	55,831	0	0	11,700	1,983	128	13,275	25,694	0	3,025	26	0
CHARLOTTE MEM HP/MED	91	0	0	0	0	0	0	91	0	0	0	0
FORSYTH MEM HOSP	126	0	0	0	0	0	0	126	0	0	0	0
HUMAN ECOLOG INST	218	0	0	0	0	0	0	218	0	0	0	0
INTERNATL FERTILITY RSCH	160	0	0	0	0	0	0	160	0	0	0	0
RESEARCH TRIANGLE INST	53,253	0	0	11,700	0	128	13,275	25,099	0	3,025	26	0
SE EDUC IMPROVEMENT LAB	1,983	0	0	0	1,983	0	0	0	0	0	0	0
SOUTH CAROLINA, TOTAL	1,227	0	1,112	0	0	0	0	114	0	0	0	1
INST COMM EDU & TRAINING	1	0	0	0	0	0	0	0	0	0	0	1
S ATL FISHERY MGMT CNCL	1,112	0	1,112	0	0	0	0	0	0	0	0	0
SPARTANBURG GENERAL HOSP	114	0	0	0	0	0	0	114	0	0	0	0
VIRGINIA, TOTAL	30,169	0	364	27,280	273	258	41	950	74	625	215	89
AM CONG ON SURV & MAPPING	74	0	0	0	0	0	0	0	74	0	0	0
AM INST OF BIOLOGICAL SCI	1,079	0	0	390	0	44	0	0	0	625	20	0

SEE FOOTNOTES AT END OF TABLE.

TABLE B-33. — FEDERAL OBLIGATIONS TO INDEPENDENT NONPROFIT INSTITUTIONS FOR RESEARCH AND DEVELOPMENT AND R&D PLANT BY GEOGRAPHIC DIVISION, STATE, INSTITUTION, AND AGENCY: FISCAL YEAR 1987

CONTINUED

(DOLLARS IN THOUSANDS)

GEOGRAPHIC DIVISION, STATE & INSTITUTION	TOTAL	USDA	CDM	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
VIRGINIA, CONT'D												
AMER GEOLOGICAL INST	70	0	0	0	0	0	0	0	0	0	70	0
ANALYTIC SERVICES, INC	25,020	0	0	25,020	0	0	0	0	0	0	0	0
ASSN OFF ANALYT CHEMISTS	41	0	0	0	0	0	41	0	0	0	0	0
CTR FOR APPLIED LINGUIST	275	0	0	0	273	0	0	0	0	0	2	0
HUMAN RESOURCES RES ORG	1,870	0	0	1,870	0	0	0	0	0	0	0	0
INST FOR REGULATORY SCI	214	0	0	0	0	214	0	0	0	0	0	0
LINGUISTIC SOC OF AMER	18	0	0	0	0	0	0	0	0	0	18	0
NATL PUBLIC SRVC RSCH INS	80	0	0	0	0	0	0	0	0	0	0	80
NATL SOC OF PROFESSNL ENG	406	0	364	0	0	0	0	0	0	0	42	0
ST MARYS HOSP-RICHMOND	950	0	0	0	0	0	0	950	0	0	0	0
VA COOP EXTENSION SERVICE	61	0	0	0	0	0	0	0	0	0	61	0
VA MUSEUM OF NATL HISTORY	2	0	0	0	0	0	0	0	0	0	2	0
WOMEN IN COMM SERVICE INC	9	0	0	0	0	0	0	0	0	0	0	9
WEST VIRGINIA, TOTAL	2,075	0	0	0	1,968	0	0	107	0	0	0	0
APPALACHIA EDUC LAB	1,968	0	0	0	1,968	0	0	0	0	0	0	0
CHARLESTON AREA MED CTR	107	0	0	0	0	0	0	107	0	0	0	0
EAST SOUTH CENTRAL, TOTAL	37,552	0	4,148	9,955	350	60	1,071	20,954	0	1,014	0	0
ALABAMA, TOTAL	20,773	0	0	9,913	0	0	1,071	9,775	0	14	0	0
BAPTIST MED CTR-PRNCT	295	0	0	0	0	0	0	295	0	0	0	0
SOUTHERN RESEARCH INST	16,475	0	0	5,910	0	0	1,071	9,480	0	14	0	0
STHESTRN CTR ELEC ENG ED	4,003	0	0	4,003	0	0	0	0	0	0	0	0
KENTUCKY, TOTAL	350	0	0	0	350	0	0	0	0	0	0	0
AM PRINTING HS BLIND	350	0	0	0	350	0	0	0	0	0	0	0
MISSISSIPPI, TOTAL	5,190	0	4,148	42	0	0	0	0	0	1,000	0	0
GULF COAST RSCH LAB	248	0	248	0	0	0	0	0	0	0	0	0
INST FOR TECHNOLOGY DEV	4,942	0	3,900	42	0	0	0	0	0	1,000	0	0
TENNESSEE, TOTAL	11,239	0	0	0	0	60	0	11,179	0	0	0	0
AMERICAN WELDING INST	60	0	0	0	0	60	0	0	0	0	0	0
ST JUDE CHILD RSCH HOSP	11,179	0	0	0	0	0	0	11,179	0	0	0	0
WEST SOUTH CENTRAL, TOTAL	70,690	177	94	33,512	2,032	2,580	3,084	15,366	0	12,657	197	991
LOUISIANA, TOTAL	2,188	0	0	0	0	0	1,214	973	0	0	1	0
ALTON OCHSNER MED FNDTN	580	0	0	0	0	0	0	580	0	0	0	0
AUDUBON ZOOLOGICAL GARDEN	1	0	0	0	0	0	0	0	0	0	1	0
GILLIS W LONG HNS DIS	374	0	0	0	0	0	0	374	0	0	0	0
GULF SOUTH RESEARCH INST	1,218	0	0	0	0	0	1,214	4	0	0	0	0
TOURO RESEARCH INSTITUTE	15	0	0	0	0	0	0	15	0	0	0	0
OKLAHOMA, TOTAL	7,650	125	0	0	0	1,000	104	6,419	0	0	0	2
GRT PLAINS AREA VO-TECH	2	0	0	0	0	0	0	0	0	0	0	2
KERR FOUNDATION, INC	100	100	0	0	0	0	0	0	0	0	0	0
OKLA MEDICAL RES FOUND	6,455	0	0	0	0	0	104	6,351	0	0	0	0
RED ARK DEV AUTHORITY	1,025	25	0	0	0	1,000	0	0	0	0	0	0
ST FRANCIS HOSP	68	0	0	0	0	0	0	68	0	0	0	0
TEXAS, TOTAL	60,852	52	94	33,512	2,032	1,580	1,766	7,974	0	12,657	196	989
ARTIFIC INTELL RSCH CTR	54	0	0	0	0	0	0	0	0	0	54	0
CACHE CORPORATION	26	0	0	0	0	0	0	0	0	0	26	0
HOUSTON AREA RESEARCH CTR	1,568	0	0	150	0	1,418	0	0	0	0	0	0
INST AEROBICS RESEARCH	98	0	0	0	0	0	0	98	0	0	0	0
RICE CTR-COMTY DS&RES	826	0	0	0	0	0	0	0	0	0	0	826
SAN ANTONIO ST CHEST	253	0	0	0	0	0	0	253	0	0	0	0
SCOTT AND WHITE MEM HOSP	55	0	0	0	0	0	0	55	0	0	0	0
SOUTHWEST EDUC DEV LAB	2,032	0	0	0	2,032	0	0	0	0	0	0	0
SOUTHWEST FDN FOR RES&ED	8,756	0	0	1,000	0	0	198	7,453	0	0	105	0
SOUTHWEST RESEARCH INST	43,366	52	94	31,982	0	162	1,568	71	0	9,278	11	148
ST JOSEPH HOSP, HOUSTON	44	0	0	0	0	0	0	44	0	0	0	0
UNIVERSITIES SPACE RSCH	3,759	0	0	380	0	0	0	0	0	3,379	0	0
WOMENS CTR TARRANT CNTY	15	0	0	0	0	0	0	0	0	0	0	15
MOUNTAIN, TOTAL	43,804	0	0	20	222	18,657	20	21,164	0	357	2,848	516
ARIZONA, TOTAL	2,260	0	0	20	0	0	0	1,798	0	332	104	6
GOOD SAMARITAN MED CTR	101	0	0	0	0	0	0	101	0	0	0	0
LOWELL OBSERVATORY	419	0	0	20	0	0	0	0	0	332	67	0
MUSEUM OF NORTHERN ARIZ	37	0	0	0	0	0	0	0	0	0	37	0
PROJECT OMNIWORK	6	0	0	0	0	0	0	0	0	0	0	6
SOUTHWEST BIOMED RESEARCH	936	0	0	0	0	0	0	936	0	0	0	0
ST JOSEPH'S HOSP&MED CTR	761	0	0	0	0	0	0	761	0	0	0	0

SEE FOOTNOTES AT END OF TABLE.

TABLE C-17. — FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES BY STATE, INSTITUTION, AND AGENCY: FISCAL YEAR 1987

CONTINUED

(DOLLARS IN THOUSANDS)

STATE & INSTITUTION	TOTAL	USDA	COM	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
IDAHO, CONT'D												
NORTHWEST NAZARENE COL	888	0	0	0	888	0	0	0	0	0	0	0
RICKS COLLEGE	1,761	0	0	0	1,761	0	0	0	0	0	0	0
UNIVERSITY OF IDAHO	13,320	6,345	47	140	4,220	116	20	483	1,052	275	565	57
ILLINOIS, TOTAL	568,673	44,888	1,481	30,364	212,473	20,796	2,253	170,755	671	9,844	71,969	3,179
ALLIED INST OF TECHNOLOGY	262	0	0	0	262	0	0	0	0	0	0	0
AMER ACAD OF ART	143	0	0	0	143	0	0	0	0	0	0	0
AMER CONSERV OF MUSIC	117	0	0	0	117	0	0	0	0	0	0	0
AMERICAN ISLAMIC COLLEGE	11	0	0	0	11	0	0	0	0	0	0	0
AUGUSTANA COLLEGE	1,112	0	0	0	1,049	0	0	0	0	0	63	0
AURORA COLLEGE	621	0	0	0	605	0	0	16	0	0	0	0
BARAT COLLEGE	268	0	0	0	268	0	0	0	0	0	0	0
BELLEVILLE AREA COLLEGE	1,757	0	0	0	1,757	0	0	0	0	0	0	0
BETHANY THEOL SEM	30	0	0	0	30	0	0	0	0	0	0	0
BLACK HAWK COLLEGE	2,362	0	0	0	2,362	0	0	0	0	0	0	0
BLACKBURN COLLEGE	416	0	0	0	416	0	0	0	0	0	0	0
BRADLEY UNIVERSITY	2,249	0	0	0	2,129	0	0	102	0	18	0	0
BRISK RABBINICAL COLLEGE	29	0	0	0	29	0	0	0	0	0	0	0
CARL SANDBURG COLLEGE	945	0	0	0	945	0	0	0	0	0	0	0
CHICAGO COL OF OSTEO MED	1,749	0	0	0	190	0	0	1,559	0	0	0	0
CHICAGO STATE UNIVERSITY	8,248	0	0	0	7,186	0	0	987	0	0	75	0
CITY COLLEGES OF CHICAGO	19,762	0	0	0	19,657	0	0	105	0	0	0	0
COLLEGE OF DU PAGE	791	0	0	0	791	0	0	0	0	0	0	0
COLLEGE OF LAKE COUNTY	736	0	0	90	646	0	0	0	0	0	0	0
COLLEGE OF ST FRANCIS	504	0	0	0	504	0	0	0	0	0	0	0
COLUMBIA COLLEGE	3,708	0	0	0	3,687	0	0	0	0	0	21	0
CONCORDIA COLLEGE	254	0	0	0	254	0	0	0	0	0	0	0
DANVILLE AREA CMTY COL	1,077	0	0	0	1,077	0	0	0	0	0	0	0
DE PAUL UNIVERSITY	3,561	0	0	0	3,075	0	0	272	0	0	214	0
DEVRY INST OF TECHNOLOGY	4,514	0	0	0	4,514	0	0	0	0	0	0	0
DEVRY INSTITUTE OF TECH	2,491	0	0	0	2,491	0	0	0	0	0	0	0
EAST-WEST UNIVERSITY	489	0	0	0	489	0	0	0	0	0	0	0
EASTERN ILLINOIS UNIV	3,041	0	0	0	2,987	0	0	44	0	0	10	0
ELGIN COMMUNITY COLLEGE	495	0	0	0	495	0	0	0	0	0	0	0
ELMHURST COLLEGE	527	0	0	0	527	0	0	0	0	0	0	0
EUREKA COLLEGE	395	0	0	0	395	0	0	0	0	0	0	0
FELICIAN COLLEGE	69	0	0	0	69	0	0	0	0	0	0	0
FOREST INST OF PROF PSYCH	21	0	0	0	21	0	0	0	0	0	0	0
GARRETT-EVANGLCL THEO SEM	62	0	0	0	62	0	0	0	0	0	0	0
GEM CITY COLLEGE	129	0	0	0	129	0	0	0	0	0	0	0
GEORGE WILLIAMS COLLEGE	2	0	0	0	2	0	0	0	0	0	0	0
GOVERNORS STATE UNIV	923	0	0	0	852	0	0	71	0	0	0	0
GREENVILLE COLLEGE	673	0	0	0	673	0	0	0	0	0	0	0
HEBREW THEOLOGICAL COL	18	0	0	0	18	0	0	0	0	0	0	0
HIGHLAND COMMUNITY COL	760	0	0	0	760	0	0	0	0	0	0	0
ILL E CC OLNEY CNTRL COL	155	0	0	0	155	0	0	0	0	0	0	0
ILL E CMTY COL WABASH VLY	104	0	0	0	104	0	0	0	0	0	0	0
ILL ESTRN CC SYS OFFICE	1,852	0	0	0	1,852	0	0	0	0	0	0	0
ILLINOIS BENEDICTINE COL	490	0	0	0	490	0	0	0	0	0	0	0
ILLINOIS CENTRAL COLLEGE	2,000	0	0	0	2,000	0	0	0	0	0	0	0
ILLINOIS COL OF OPTOMETRY	532	0	0	0	362	0	0	170	0	0	0	0
ILLINOIS COLLEGE	432	0	0	0	432	0	0	0	0	0	0	0
ILLINOIS INST OF TECH	5,515	0	0	241	1,978	604	439	1,302	0	23	928	0
ILLINOIS SCHL PROF PSYCH	23	0	0	0	23	0	0	0	0	0	0	0
ILLINOIS STATE UNIVERSITY	8,074	0	0	0	7,009	14	0	564	0	0	487	0
ILLINOIS TECHNICAL COL	484	0	0	0	484	0	0	0	0	0	0	0
ILLINOIS VALLEY CMTY COL	497	0	0	0	497	0	0	0	0	0	0	0
ILLINOIS WESLEYAN UNIV	918	0	0	0	918	0	0	0	0	0	0	0
JOHN A LOGAN COLLEGE	1,469	0	0	0	1,469	0	0	0	0	0	0	0
JOHN WOOD COMMUNITY COLL	918	0	0	0	918	0	0	0	0	0	0	0
JOLIET JR COLLEGE	776	0	0	0	776	0	0	0	0	0	0	0
JUDSON COLLEGE	396	0	0	0	396	0	0	0	0	0	0	0
KANKAKEE COMMUNITY COL	713	0	0	0	713	0	0	0	0	0	0	0
KASKASKIA COLLEGE	728	0	0	0	718	0	0	10	0	0	0	0
KELLER GRAD SCH-MANAGMENT	3,605	0	0	0	3,605	0	0	0	0	0	0	0
KENDALL COLLEGE	376	0	0	0	376	0	0	0	0	0	0	0
KISHWAUKEE COLLEGE	608	0	0	0	608	0	0	0	0	0	0	0
KNOX COLLEGE	720	0	0	0	552	0	0	153	0	0	15	0
LAKE FOREST COLLEGE	839	0	0	0	839	0	0	0	0	0	0	0
LAKE LAND COLLEGE	944	0	0	0	944	0	0	0	0	0	0	0
LEWIS AND CLARK CMTY COL	1,862	0	0	0	1,862	0	0	0	0	0	0	0
LEWIS UNIVERSITY	1,598	0	0	0	1,583	0	0	15	0	0	0	0
LINCOLN CHRISTIAN COL	322	0	0	0	322	0	0	0	0	0	0	0
LINCOLN COLLEGE	2,333	0	0	0	2,333	0	0	0	0	0	0	0
LINCOLN LAND CMTY COLLEGE	895	0	0	0	895	0	0	0	0	0	0	0
LOYOLA UNIV - CHICAGO	9,872	0	0	82	4,606	0	123	4,931	0	0	129	0
MACCORMAC COLLEGE	540	0	0	0	540	0	0	0	0	0	0	0
MACMURRAY COLLEGE	915	0	0	0	915	0	0	0	0	0	0	0
MALLINCKRODT COLLEGE	28	0	0	0	28	0	0	0	0	0	0	0
MCCORMICK THEOL SEM	32	0	0	0	32	0	0	0	0	0	0	0
MCHENRY COUNTY COLLEGE	263	0	0	0	263	0	0	0	0	0	0	0
MCKENDREE COLLEGE	499	0	0	0	499	0	0	0	0	0	0	0
MENNONITE COL OF NURSING	24	0	0	0	24	0	0	0	0	0	0	0
METROPOLITAN BUS COLLEGE	3,271	0	0	0	3,271	0	0	0	0	0	0	0
MIDSTATE COLLEGE	360	0	0	0	360	0	0	0	0	0	0	0
MIDWEST COLLEGE OF ENG	11	0	0	0	11	0	0	0	0	0	0	0
MILLIKIN UNIVERSITY	669	0	0	0	653	0	0	0	0	0	16	0

SEE FOOTNOTES AT END OF TABLE.

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TABLE C-17. — FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES BY STATE, INSTITUTION, AND AGENCY: FISCAL YEAR 1987

CONTINUED

(DOLLARS IN THOUSANDS)

STATE & INSTITUTION	TOTAL	USDA	CDH	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
ILLINOIS, CONT'D												
MONMOUTH COLLEGE	697	0	0	0	697	0	0	0	0	0	0	0
MORAINE VALLEY CMTY COL	997	0	0	0	997	0	0	0	0	0	0	0
MORTON COLLEGE	202	0	0	0	202	0	0	0	0	0	0	0
MUNDELEIN COLLEGE	574	0	0	0	574	0	0	0	0	0	0	0
NAES COLLEGE	174	0	0	0	174	0	0	0	0	0	0	0
NATIONAL COLLEGE OF EDUC	2,381	0	0	0	2,381	0	0	0	0	0	0	0
NORTH CENTRAL COLLEGE	433	0	0	0	433	0	0	0	0	0	0	0
NORTH PARK COL THEOL SEM	1,311	0	0	0	1,311	0	0	0	0	0	0	0
NORTHEASTERN ILL UNIV	4,326	0	0	0	4,326	0	0	0	0	0	0	0
NORTHERN ILLINOIS UNIV	9,942	0	0	0	7,836	50	0	931	0	0	1,125	0
NORTHWESTERN UNIVERSITY	64,774	59	49	4,386	9,330	2,912	48	35,999	0	709	11,187	95
OAKTON COMMUNITY COLLEGE	277	0	0	0	277	0	0	0	0	0	0	0
OLIVET NAZARENE COLLEGE	931	0	0	0	931	0	0	0	0	0	0	0
PARKLAND COLLEGE	1,573	0	0	0	1,573	0	0	0	0	0	0	0
PRAIRIE STATE COLLEGE	434	0	0	0	434	0	0	0	0	0	0	0
QUINCY COLLEGE	624	0	0	0	624	0	0	0	0	0	0	0
REND LAKE COLLEGE	893	0	0	0	893	0	0	0	0	0	0	0
RICHLAND CMTY COL	621	0	0	0	621	0	0	0	0	0	0	0
ROBERT MORRIS COL (ILL)	3,147	0	0	0	3,147	0	0	0	0	0	0	0
ROCK VALLEY COLLEGE	471	0	0	0	471	0	0	0	0	0	0	0
ROCKFORD COLLEGE	383	0	0	0	383	0	0	0	0	0	0	0
ROOSEVELT UNIVERSITY	1,638	0	0	0	1,638	0	0	0	0	0	0	0
ROSARY COLLEGE	372	0	0	0	372	0	0	0	0	0	0	0
RUSH UNIVERSITY	2,638	0	0	0	619	0	0	2,019	0	0	0	0
S ILLINOIS U EDWARDSVILLE	4,805	0	0	0	4,340	0	0	387	65	0	13	0
SANGAMON STATE UNIVERSITY	470	0	0	0	470	0	0	0	0	0	0	0
SAUK VALLEY COLLEGE	1,193	0	0	0	1,193	0	0	0	0	0	0	0
SHAWNEE COLLEGE	616	0	0	0	616	0	0	0	0	0	0	0
SHIMER COLLEGE	180	0	0	0	180	0	0	0	0	0	0	0
SOUTHEASTERN ILLINOIS COL	591	0	0	0	591	0	0	0	0	0	0	0
SOUTHERN ILL U-CARBONDALE	20,713	87	0	875	13,503	1,518	0	3,933	146	61	590	0
SPERTUS COLL OF JUDAICA	67	0	0	0	67	0	0	0	0	0	0	0
SPOON RIVER COLLEGE	826	0	0	0	826	0	0	0	0	0	0	0
SPRINGFIELD COL IN ILL	167	0	0	0	167	0	0	0	0	0	0	0
ST AUGUSTINE CMTY COLL	1,843	0	0	0	1,843	0	0	0	0	0	0	0
ST XAVIER COLLEGE	1,256	0	0	0	1,140	0	0	116	0	0	0	0
STATE CC AT EAST ST LOUIS	1,335	0	0	0	1,335	0	0	0	0	0	0	0
TELSHE YESHIVA - CHICAGO	114	0	0	0	114	0	0	0	0	0	0	0
THORNTON COMMUNITY COL	1,156	0	0	0	1,156	0	0	0	0	0	0	0
TRINITY CHRISTIAN COL	304	0	0	0	304	0	0	0	0	0	0	0
TRINITY COLLEGE	590	0	0	0	590	0	0	0	0	0	0	0
TRINITY EVANGEL DIV SCHL	19	0	0	0	19	0	0	0	0	0	0	0
TRITON COLLEGE	1,935	0	0	0	1,935	0	0	0	0	0	0	0
U HLTH SCI/CHCGO MED SCH	3,696	50	0	130	0	0	0	3,516	0	0	0	0
UNIV OF ILL CHICAGO	45,772	0	0	4,102	8,837	729	81	31,480	0	340	148	55
UNIV OF ILL URBANA	138,686	44,213	547	18,679	446	11,557	1,562	19,444	355	2,561	36,293	3,029
UNIV OF ILLINOIS SYS OFF	17,976	126	796	0	13,005	0	0	0	105	0	3,944	0
UNIVERSITY OF CHICAGO	95,144	344	89	1,778	4,187	3,412	0	62,513	0	6,132	16,689	0
VANDERCOOK COL OF MUSIC	98	0	0	0	98	0	0	0	0	0	0	0
WAUBONSEE COMMUNITY COL	620	0	0	0	620	0	0	0	0	0	0	0
WESTERN ILLINOIS UNIV	5,087	9	0	0	4,960	0	0	96	0	0	22	0
WHEATON COLLEGE	840	0	0	0	840	0	0	0	0	0	0	0
WILLIAM RAINEY HARPER COL	408	0	0	0	408	0	0	0	0	0	0	0
WM M SCHOLL COLL POD MED	370	0	0	0	350	0	0	20	0	0	0	0
INDIANA, TOTAL	230,012	14,981	105	12,831	101,172	14,210	1,205	53,416	634	2,481	26,629	2,348
ANCILLA DOMINI COLLEGE	103	0	0	0	103	0	0	0	0	0	0	0
ANDERSON COLLEGE	1,195	0	0	0	1,195	0	0	0	0	0	0	0
BALL STATE UNIVERSITY	7,329	0	0	150	6,964	0	0	115	0	0	100	0
BETHEL COLLEGE	240	0	0	0	240	0	0	0	0	0	0	0
BUTLER UNIVERSITY	1,802	0	0	0	965	0	495	64	252	0	26	0
CALUMET COLLEGE	562	0	0	0	562	0	0	0	0	0	0	0
CHRISTIAN THEOL SEM	44	0	0	0	44	0	0	0	0	0	0	0
CLARK COLLEGE	2,091	0	0	0	2,091	0	0	0	0	0	0	0
DE PAUW UNIVERSITY	614	0	0	0	592	0	0	0	0	0	22	0
EARLHAM COLLEGE	890	0	0	0	847	0	0	0	0	0	43	0
FORT WAYNE BIBLE COL	350	0	0	0	350	0	0	0	0	0	0	0
FRANKLIN COL OF INDIANA	573	0	0	0	573	0	0	0	0	0	0	0
GOSHEN COLLEGE	653	0	0	0	637	0	0	0	0	0	16	0
GRACE COLLEGE	623	0	0	0	623	0	0	0	0	0	0	0
GRACE SCHOOLS, INC.	10	0	0	0	0	0	0	10	0	0	0	0
HANOVER COLLEGE	183	0	0	0	183	0	0	0	0	0	0	0
HOLY CROSS JUNIOR COLLEGE	126	0	0	0	126	0	0	0	0	0	0	0
HUNTINGTON COLLEGE	364	0	0	0	364	0	0	0	0	0	0	0
IND VOC TECH COLLEGE	13,232	0	0	0	13,232	0	0	0	0	0	0	0
INDIANA CENTRAL UNIV	702	0	0	0	702	0	0	0	0	0	0	0
INDIANA INSTITUTE OF TECH	291	0	0	0	291	0	0	0	0	0	0	0
INDIANA STATE UNIVERSITY	6,529	1	0	0	6,066	0	0	450	0	0	12	0
INDIANA UNIVERSITY	75,887	201	0	2,053	21,756	6,187	468	31,523	139	402	13,158	0
INTERNATIONAL BUS COL	284	0	0	0	284	0	0	0	0	0	0	0
INTERSTATE TECH INSTITUTE	111	0	0	0	111	0	0	0	0	0	0	0
ITT EDUCATIONAL SERVICES	1,098	0	0	0	1,098	0	0	0	0	0	0	0
ITT TECH INST-INDIANAPOL	12,208	0	0	0	12,208	0	0	0	0	0	0	0
ITT TECH INSTITUTE-IND	434	0	0	0	434	0	0	0	0	0	0	0
MANCHESTER COLLEGE	631	0	0	0	631	0	0	0	0	0	0	0
MARIAN COLLEGE	488	0	0	0	479	0	0	0	0	0	9	0
MARION COLLEGE	935	0	0	0	935	0	0	0	0	0	0	0

SEE FOOTNOTES AT END OF TABLE.

TABLE C-17. — FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES
BY STATE, INSTITUTION, AND AGENCY: FISCAL YEAR 1987

CONTINUED

(DOLLARS IN THOUSANDS)

STATE & INSTITUTION	TOTAL	USDA	CON	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
INDIANA, CONT'D												
MARTIN CENTER COLLEGE	188	0	0	0	188	0	0	0	0	0	0	0
OAKLAND CITY COLLEGE	1,068	0	0	0	1,068	0	0	0	0	0	0	0
PURDUE UNIVERSITY	71,346	14,779	105	9,992	12,969	4,275	242	17,608	243	1,769	9,389	5
ROSE-HULMAN INST OF TECH	69	0	0	0	0	0	0	0	0	0	69	0
ST FRANCIS COLLEGE	315	0	0	0	315	0	0	0	0	0	0	0
ST JOSEPH'S COLLEGE	442	0	0	0	442	0	0	0	0	0	0	0
ST MARY-OF-THE-WOODS COL	177	0	0	0	177	0	0	0	0	0	0	0
ST MARY'S COLLEGE	415	0	0	0	334	0	0	0	0	0	81	0
ST MEINRAD COLLEGE	138	0	0	0	138	0	0	0	0	0	0	0
ST MEINRAD SCH - THEOLOGY	65	0	0	0	65	0	0	0	0	0	0	0
TAYLOR UNIVERSITY	748	0	0	0	696	0	0	0	0	0	52	0
TRI-STATE UNIVERSITY	506	0	0	0	486	0	0	0	0	20	0	0
UNIVERSITY OF EVANSVILLE	1,322	0	0	0	1,254	0	0	55	0	13	0	0
UNIVERSITY OF NOTRE DAME	17,461	0	0	636	3,336	3,653	0	3,991	0	269	3,633	2,343
VALPARAISO UNIVERSITY	1,508	0	0	0	1,356	95	0	0	0	8	49	0
VINCENNES UNIVERSITY	3,500	0	0	0	3,500	0	0	0	0	0	0	0
WABASH COLLEGE	162	0	0	0	162	0	0	0	0	0	0	0
IOWA, TOTAL	187,110	18,350	372	4,136	82,136	6,999	1,108	60,317	383	6,879	6,077	353
AQUINAS INST OF THEOLOGY	1	0	0	0	1	0	0	0	0	0	0	0
BRIAR CLIFF COLLEGE	1,213	0	0	0	1,213	0	0	0	0	0	0	0
BUENA VISTA COLLEGE	1,950	0	0	0	1,950	0	0	0	0	0	0	0
CENTRAL UNIV OF IOWA	1,742	0	0	0	1,742	0	0	0	0	0	0	0
CLARKE COLLEGE	550	0	0	0	550	0	0	0	0	0	0	0
COE COLLEGE	933	0	0	0	877	0	0	0	0	0	56	0
COL OF OSTEO MED & SURG	1,024	0	0	0	70	0	0	954	0	0	0	0
CORNELL COLLEGE	1,140	0	0	0	1,132	0	0	0	0	0	8	0
DES MOINES AREA CMTY COL	3,064	0	0	0	3,064	0	0	0	0	0	0	0
DIVINE WORD COLLEGE	158	0	0	0	158	0	0	0	0	0	0	0
DORDT COLLEGE	884	0	0	0	884	0	0	0	0	0	0	0
DRAKE UNIVERSITY	2,491	0	0	0	2,455	0	0	13	0	0	23	0
EASTERN IOWA CMTY COLLEGE	2,255	0	0	0	2,255	0	0	0	0	0	0	0
ELLSWORTH COMMUNITY COL	798	0	0	0	798	0	0	0	0	0	0	0
FAITH BAPTIST BIBLE COL	220	0	0	0	220	0	0	0	0	0	0	0
GRACELAND COLLEGE	2,027	0	0	0	2,027	0	0	0	0	0	0	0
GRAND VIEW COLLEGE	645	0	0	0	645	0	0	0	0	0	0	0
GRINNELL COLLEGE	654	0	0	0	535	0	0	0	0	0	119	0
INDIAN HILLS CMTY COLLEGE	2,038	0	0	0	2,038	0	0	0	0	0	0	0
IOWA CENTRAL CMTY COLLEGE	1,532	0	0	0	1,427	0	0	0	105	0	0	0
IOWA LAKES CMTY COLLEGE	1,531	0	0	0	1,410	0	0	121	0	0	0	0
IOWA ST U OF SCI & TECH	46,046	18,029	361	830	13,210	6,744	225	3,114	138	564	2,478	353
IOWA WESLEYAN COLLEGE	400	0	0	0	400	0	0	0	0	0	0	0
IOWA WESTERN CMTY COLLEGE	1,727	0	0	0	1,727	0	0	0	0	0	0	0
KIRKWOOD COMMUNITY COL	2,846	0	0	0	2,846	0	0	0	0	0	0	0
LORAS COLLEGE	1,240	0	0	0	1,240	0	0	0	0	0	0	0
LUTHER COLLEGE	1,972	0	0	0	1,920	0	0	0	0	0	52	0
MAHARISHI INTL UNIVERSITY	824	0	0	0	622	0	0	171	0	0	31	0
MARSHALLTOWN CMTY COLLEGE	753	0	0	0	753	0	0	0	0	0	0	0
MARYCREST COLLEGE	913	0	0	0	913	0	0	0	0	0	0	0
MORNINGSIDE COLLEGE	1,135	0	0	0	1,135	0	0	0	0	0	0	0
MOUNT MERCY COLLEGE	991	0	0	0	991	0	0	0	0	0	0	0
MOUNT ST CLARE COLLEGE	179	0	0	0	179	0	0	0	0	0	0	0
N IOWA AREA CMTY COLLEGE	2,272	0	0	0	2,272	0	0	0	0	0	0	0
NORTHEAST IOWA TECH INST	987	0	0	0	987	0	0	0	0	0	0	0
NORTHWEST IOWA TECH COL	378	0	0	0	378	0	0	0	0	0	0	0
NORTHWESTERN COLLEGE	821	0	0	0	821	0	0	0	0	0	0	0
PALMER COL OF CHIROPRCTC	978	0	0	0	978	0	0	0	0	0	0	0
SCOTT CMTY COL-E IOWA CC	112	0	0	0	0	0	112	0	0	0	0	0
SIMPSON COLLEGE	748	0	0	0	748	0	0	0	0	0	0	0
SOUTHEASTRN CMTY COL (IA)	1,116	0	0	0	1,116	0	0	0	0	0	0	0
SOUTHWESTERN CMTY COLLEGE	609	0	0	0	609	0	0	0	0	0	0	0
ST AMBROSE COLLEGE	949	0	0	0	949	0	0	0	0	0	0	0
UNIV OF NORTHERN IOWA	6,017	0	0	0	5,908	0	0	98	0	0	11	0
UNIVERSITY OF DUBUQUE	776	0	0	0	776	0	0	0	0	0	0	0
UNIVERSITY OF IOWA	79,871	321	11	3,306	9,637	255	771	55,846	140	6,315	3,269	0
UPPER IOWA UNIVERSITY	594	0	0	0	594	0	0	0	0	0	0	0
VENNARD COLLEGE	205	0	0	0	205	0	0	0	0	0	0	0
WALDORF COLLEGE	436	0	0	0	436	0	0	0	0	0	0	0
WARTBURG COLLEGE	1,037	0	0	0	1,007	0	0	0	0	0	30	0
WARTBURG THEOL SEM	41	0	0	0	41	0	0	0	0	0	0	0
WESTERN IOWA TECH	1,629	0	0	0	1,629	0	0	0	0	0	0	0
WESTMAR COLLEGE	710	0	0	0	710	0	0	0	0	0	0	0
WILLIAM PENN COLLEGE	948	0	0	0	948	0	0	0	0	0	0	0
KANSAS, TOTAL	115,017	10,192	164	2,237	70,671	2,861	718	20,620	105	1,736	4,663	1,050
ALLEN CO CMTY JUNIOR COL	886	0	0	0	886	0	0	0	0	0	0	0
BAKER UNIVERSITY	584	1	0	0	583	0	0	0	0	0	0	0
BARTON COUNTY CMTY COL	805	0	0	0	805	0	0	0	0	0	0	0
BENEDICTINE COLLEGE	634	0	0	0	603	0	0	0	0	0	31	0
BETHANY COLLEGE	667	0	0	0	641	0	0	0	0	0	26	0
BETHEL COLLEGE	638	0	0	0	638	0	0	0	0	0	0	0
BUTLER COUNTY CMTY JR COL	892	0	0	0	892	0	0	0	0	0	0	0
CENTRAL COLLEGE	561	0	0	0	561	0	0	0	0	0	0	0
CLOUD COUNTY CMTY COL	667	0	0	0	667	0	0	0	0	0	0	0
COFFEYVILLE CMTY COL	667	0	0	0	667	0	0	0	0	0	0	0
COLBY COMMUNITY COLLEGE	589	0	0	0	589	0	0	0	0	0	0	0

SEE FOOTNOTES AT END OF TABLE.

TABLE C-17. — FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES
BY STATE, INSTITUTION, AND AGENCY: FISCAL YEAR 1987

CONTINUED

(DOLLARS IN THOUSANDS)

STATE & INSTITUTION	TOTAL	USDA	COM	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
KANSAS, CONT'D												
COMLEY CO CMTY COLLEGE	406	0	0	0	406	0	0	0	0	0	0	0
DODGE CITY CMTY COL	848	0	0	0	848	0	0	0	0	0	0	0
DONNELLY COLLEGE	1,449	0	0	0	1,449	0	0	0	0	0	0	0
EMPORIA STATE UNIVERSITY	2,643	0	0	0	2,643	0	0	0	0	0	0	0
FORT HAYS ST UNIV	5,217	1	0	0	5,216	0	0	0	0	0	0	0
FORT SCOTT CMTY COL	1,162	0	0	0	1,162	0	0	0	0	0	0	0
FRIENDS BIBLE COLLEGE	94	0	0	0	94	0	0	0	0	0	0	0
FRIENDS UNIVERSITY	594	0	0	0	594	0	0	0	0	0	0	0
GARDEN CITY CMTY COL	477	0	0	0	477	0	0	0	0	0	0	0
HASKELL INDIAN JR COLLEGE	88	0	0	0	88	0	0	0	0	0	0	0
HESSTON COLLEGE	519	0	0	0	519	0	0	0	0	0	0	0
HIGHLAND CMTY COLLEGE	619	0	0	0	619	0	0	0	0	0	0	0
HUTCHINSON CMTY COL	829	0	0	0	829	0	0	0	0	0	0	0
INDEPENDENCE CMTY COLLEGE	409	0	0	0	409	0	0	0	0	0	0	0
JOHNSON COUNTY CMTY COL	824	0	0	0	824	0	0	0	0	0	0	0
KANS ST U - AG & APP SCI	30,916	10,136	0	843	12,270	2,520	330	2,548	105	187	1,829	148
KANSAS CITY COL&BIBLE SCH	18	0	0	0	18	0	0	0	0	0	0	0
KANSAS CITY KANSAS CMTY C	636	0	0	120	516	0	0	0	0	0	0	0
KANSAS NEWMAN COLLEGE	356	0	0	0	356	0	0	0	0	0	0	0
KANSAS TECHNICAL INST	192	0	0	0	192	0	0	0	0	0	0	0
KANSAS WESLEYAN	692	0	0	0	692	0	0	0	0	0	0	0
LABETTE COMMUNITY COLLEGE	798	0	0	0	798	0	0	0	0	0	0	0
MANHATTAN CHRISTIAN COL	232	0	0	0	232	0	0	0	0	0	0	0
MARYMOUNT COL OF KANSAS	430	0	0	0	430	0	0	0	0	0	0	0
MCPHERSON COLLEGE	443	0	0	0	443	0	0	0	0	0	0	0
MID-AMERICA NAZARENE COL	821	0	0	0	821	0	0	0	0	0	0	0
NEOSHO COUNTY CMTY COL	209	0	0	0	209	0	0	0	0	0	0	0
OTTAWA UNIVERSITY	1,173	0	0	0	1,121	0	0	0	0	52	0	0
PITTSBURG STATE UNIV	2,835	0	0	0	2,835	0	0	0	0	0	0	0
PRATT COMMUNITY COL	578	0	0	0	578	0	0	0	0	0	0	0
SEWARD COUNTY CMTY COL	238	0	0	0	238	0	0	0	0	0	0	0
SOUTHWESTERN COLLEGE	561	0	0	0	561	0	0	0	0	0	0	0
ST JOHN'S COLLEGE	1	0	0	0	1	0	0	0	0	0	0	0
ST MARY COLLEGE	933	0	0	0	670	0	0	0	0	0	263	0
ST MARY OF THE PLAINS COL	5,312	0	0	0	5,312	0	0	0	0	0	0	0
STERLING COLLEGE	653	0	0	0	653	0	0	0	0	0	0	0
TABOR COLLEGE	399	0	0	0	399	0	0	0	0	0	0	0
UNIVERSITY OF KANSAS	35,200	54	164	1,272	10,619	341	388	17,685	0	1,413	2,362	902
WASHBURN UNIV OF TOPEKA	1,815	0	0	0	1,771	0	0	0	0	0	44	0
WICHITA STATE UNIVERSITY	5,808	0	0	2	5,227	0	0	387	0	136	56	0
KENTUCKY, TOTAL	119,942	18,179	101	1,299	73,712	1,128	188	21,463	335	792	2,720	25
ALICE LLOYD COLLEGE	724	0	0	0	724	0	0	0	0	0	0	0
ASBURY COLLEGE	579	0	0	0	579	0	0	0	0	0	0	0
ASBURY THEOL SEMINARY	278	0	0	0	278	0	0	0	0	0	0	0
BELLARMINE COLLEGE	591	0	0	0	542	0	0	0	0	0	49	0
BEREA COLLEGE	2,922	5	0	0	2,868	0	0	0	0	0	49	0
BOWLING GREEN BUSINESS C	1,523	0	0	0	1,523	0	0	0	0	0	0	0
BRESCIA COLLEGE	524	0	0	0	524	0	0	0	0	0	0	0
CAMPBELLSVILLE COLLEGE	793	0	0	0	793	0	0	0	0	0	0	0
CENTRE COL OF KENTUCKY	364	0	0	0	364	0	0	0	0	0	0	0
CUMBERLAND COLLEGE	2,083	0	0	0	2,083	0	0	0	0	0	0	0
EASTERN KENTUCKY UNIV	7,997	0	0	110	7,854	0	0	0	0	0	33	0
GEORGETOWN COLLEGE	638	0	0	0	638	0	0	0	0	0	0	0
INST OF ELECTRONIC TECH	164	0	0	0	164	0	0	0	0	0	0	0
KENTUCKY CHRISTIAN COL	596	0	0	0	596	0	0	0	0	0	0	0
KENTUCKY COLLEGE OF TECH	85	0	0	0	85	0	0	0	0	0	0	0
KENTUCKY JR COL BUSINESS	798	0	0	0	798	0	0	0	0	0	0	0
KENTUCKY STATE UNIVERSITY	11,834	3,281	0	0	8,298	0	0	27	0	0	228	0
KENTUCKY WESLEYAN COLLEGE	510	0	0	0	495	0	0	0	0	0	15	0
LEES JUNIOR COLLEGE	1,062	0	0	0	961	0	0	101	0	0	0	0
LINDSEY WILSON COLLEGE	863	0	0	0	863	0	0	0	0	0	0	0
LOUISVILLE PRES THEOL SEM	27	0	0	0	27	0	0	0	0	0	0	0
LOUISVILLE TECHNICAL INST	406	0	0	0	406	0	0	0	0	0	0	0
MIDWAY COLLEGE	332	0	0	0	332	0	0	0	0	0	0	0
MOREHEAD STATE UNIVERSITY	4,203	0	0	0	4,203	0	0	0	0	0	0	0
MURRAY STATE UNIVERSITY	3,927	18	0	0	3,817	0	0	19	0	21	52	0
NORTHERN KENTUCKY UNIV	1,611	0	0	0	1,575	0	0	0	0	0	36	0
PIKEVILLE COLLEGE	1,196	0	0	0	1,196	0	0	0	0	0	0	0
RETS ELECTRONIC INSTITUTE	1,602	0	0	0	1,602	0	0	0	0	0	0	0
SPALDING COLLEGE	978	0	0	0	978	0	0	0	0	0	0	0
ST CATHARINE COLLEGE	258	0	0	0	258	0	0	0	0	0	0	0
SUE BENNETT COLLEGE	388	0	0	0	388	0	0	0	0	0	0	0
SULLIVAN JR COL OF BUS	1,543	0	0	0	1,543	0	0	0	0	0	0	0
THOMAS MORE COLLEGE	427	0	0	0	427	0	0	0	0	0	0	0
TRANSYLVANIA UNIVERSITY	395	0	0	0	395	0	0	0	0	0	0	0
UNION COLLEGE	1,021	0	0	0	1,021	0	0	0	0	0	0	0
UNIVERSITY OF KENTUCKY	49,237	14,875	101	929	13,918	690	188	15,906	335	413	1,857	25
UNIVERSITY OF LOUISVILLE	11,727	0	0	260	4,995	438	0	5,310	0	358	366	0
WESTERN KENTUCKY UNIV	5,736	0	0	0	5,601	0	0	100	0	0	35	0
LOUISIANA, TOTAL	172,732	13,109	2,299	3,267	98,109	1,642	882	45,292	552	1,222	4,388	1,970
BOSSIER PARISH CMTY COLL	277	0	0	0	277	0	0	0	0	0	0	0
CENTENARY COLLEGE OF L A	310	0	0	0	310	0	0	0	0	0	0	0
DELGADO COMMUNITY COLLEGE	2,342	0	0	0	2,342	0	0	0	0	0	0	0
DILLARD UNIVERSITY	3,880	41	0	0	3,516	0	66	257	0	0	0	0

SEE FOOTNOTES AT END OF TABLE.

TABLE C-17. — FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES BY STATE, INSTITUTION, AND AGENCY: FISCAL YEAR 1987

CONTINUED

(DOLLARS IN THOUSANDS)

STATE & INSTITUTION	TOTAL	USDA	CDN	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
LOUISIANA, CONT'D												
GRAMBLING STATE UNIV	9,836	0	0	0	9,954	138	6	128	0	0	0	0
LA ST UNIV SYSTEM OFFICE	811	0	0	0	0	0	0	334	414	0	63	0
LOUISIANA COLLEGE	600	0	0	0	600	0	0	0	0	0	0	0
LOUISIANA STATE UNIV	63,203	10,578	2,161	2,790	18,116	1,434	710	23,509	138	470	3,247	50
LOUISIANA TECH UNIVERSITY	9,424	113	38	70	5,111	0	0	0	0	25	67	0
LOYOLA UNIV - NEW ORLEANS	2,301	0	0	0	2,289	0	0	0	0	0	12	0
MCNEESE STATE UNIVERSITY	3,843	29	0	0	3,795	18	0	0	0	0	1	0
NICHOLLS STATE UNIVERSITY	2,476	0	0	0	2,476	0	0	0	0	0	0	0
NORTHEAST LOUISIANA UNIV	5,360	0	0	0	5,332	0	2	16	0	10	0	0
NORTHWESTERN ST UNIV LA	3,069	0	0	0	2,703	0	0	366	0	0	0	0
NOTRE DAME SEM SCH THEOL	23	0	0	0	23	0	0	0	0	0	0	0
OUR LADY HOLY CROSS COL	513	0	0	0	513	0	0	0	0	0	0	0
PHILLIPS COL NEW ORLEANS	3,211	0	0	0	3,211	0	0	0	0	0	0	0
SAINT BERNARD PARISH CC	15	0	0	0	15	0	0	0	0	0	0	0
SOUTHEASTERN LA UNIV	2,854	0	0	0	2,854	0	0	0	0	0	0	0
SOUTHERN U & A&M COLLEGE	22,651	2,348	0	100	18,527	52	8	714	0	427	275	0
ST JOSEPH SEMINARY	90	0	0	0	90	0	0	0	0	0	0	0
TULANE UNIVERSITY	23,495	0	0	187	3,510	0	32	17,171	0	55	580	1,920
UNIV OF SOUTHWESTERN LA	9,625	0	0	30	8,119	0	0	1,333	0	0	143	0
XAVIER UNIVERSITY OF LA	6,573	0	100	90	4,826	0	58	1,464	0	35	0	0
MAINE, TOTAL	42,533	4,784	123	2,099	30,779	315	781	2,145	363	25	1,199	0
ANDOVER COLLEGE	353	0	0	0	353	0	0	0	0	0	0	0
BANGOR THEOL SEMINARY	152	0	0	0	152	0	0	0	0	0	0	0
BATES COLLEGE	1,159	0	0	0	1,017	0	0	0	0	0	142	0
BOWDOIN COLLEGE	1,282	0	0	0	1,108	0	0	78	0	0	96	0
CASCO BAY COLLEGE	159	0	0	0	159	0	0	0	0	0	0	0
COLBY COLLEGE	1,254	0	0	0	1,221	0	0	0	0	25	8	0
COLLEGE OF THE ATLANTIC	403	0	8	0	368	0	0	0	27	0	0	0
EASTERN ME VOC TECH INST	1,461	0	0	0	1,461	0	0	0	0	0	0	0
HUSSON COLLEGE	1,297	0	0	0	1,280	0	0	17	0	0	0	0
MAINE MARITIME ACADEMY	379	0	0	0	379	0	0	0	0	0	0	0
PORTLAND SCHOOL OF ART	309	0	0	0	309	0	0	0	0	0	0	0
ST JOSEPH'S COLLEGE	399	0	0	0	399	0	0	0	0	0	0	0
THOMAS COLLEGE	492	0	0	0	492	0	0	0	0	0	0	0
UNITY COLLEGE	592	0	0	0	592	0	0	0	0	0	0	0
UNIV MAINE, PRESQUE ISLE	1,791	0	0	0	1,791	0	0	0	0	0	0	0
UNIV OF MAINE AUGUSTA	2,071	0	0	0	2,071	0	0	0	0	0	0	0
UNIV OF MAINE ORONO	15,156	4,784	20	369	7,950	0	781	431	20	0	901	0
UNIV OF MAINE SYSTEM OFF	283	0	0	0	0	0	0	0	283	0	0	0
UNIV OF MAINE, FARMINGTON	2,179	0	0	0	1,864	315	0	0	0	0	0	0
UNIV OF MAINE, FORT KENT	669	0	0	0	669	0	0	0	0	0	0	0
UNIV OF MAINE, MACHIAS	893	0	15	0	878	0	0	0	0	0	0	0
UNIVERSITY OF NEW ENGLAND	3,888	0	0	1,790	1,282	0	0	804	0	0	12	0
UNIVERSITY OF STHRN MAINE	5,600	0	80	0	4,672	0	0	815	33	0	0	0
WESTBROOK COLLEGE	312	0	0	0	312	0	0	0	0	0	0	0
MARYLAND, TOTAL	691,090	8,723	3,800	373,701	68,989	8,495	1,475	185,818	640	12,859	23,991	2,999
ALLEGANY COMMUNITY COL	1,027	0	0	0	1,027	0	0	0	0	0	0	0
ANNE ARUNDEL CNTY COLLEGE	465	0	0	0	465	0	0	0	0	0	0	0
BOWIE STATE COLLEGE	2,021	0	0	0	1,891	0	0	0	0	130	0	0
CAPITOL INST OF TECH	333	0	0	0	295	0	0	0	0	0	38	0
CATONSVILLE CNTY COLLEGE	1,436	0	0	0	1,421	0	0	15	0	0	0	0
CECIL COMMUNITY COLLEGE	332	0	0	0	332	0	0	0	0	0	0	0
CHARLES COUNTY CNTY COL	306	0	0	0	306	0	0	0	0	0	0	0
CHESAPEAKE COLLEGE	546	0	0	0	546	0	0	0	0	0	0	0
CNTY COLLEGE OF BALTIMORE	4,350	0	0	0	4,350	0	0	0	0	0	0	0
COL OF NOTRE DAME OF MD	285	0	0	0	285	0	0	0	0	0	0	0
COLUMBIA UNION COLLEGE	374	0	0	0	374	0	0	0	0	0	0	0
COPPIN STATE COLLEGE	4,649	0	0	0	4,489	0	0	160	0	0	0	0
DUNDALK COMMUNITY COLLEGE	1,207	0	0	0	1,207	0	0	0	0	0	0	0
ESSEX COMMUNITY COLLEGE	1,266	0	0	0	1,174	0	0	92	0	0	0	0
FREDERICK COMMUNITY COL	177	0	0	0	177	0	0	0	0	0	0	0
FROSTBURG STATE COLLEGE	3,336	0	0	0	3,336	0	0	0	0	0	0	0
GARRETT COMMUNITY COLLEGE	210	0	0	0	210	0	0	0	0	0	0	0
GOUCHER COLLEGE	479	0	0	0	457	0	0	0	0	0	22	0
HAGERSTOWN BUSINESS COLL	195	0	0	0	195	0	0	0	0	0	0	0
HAGERSTOWN JUNIOR COLLEGE	397	0	0	0	397	0	0	0	0	0	0	0
HARFORD COMMUNITY COLLEGE	454	0	0	50	404	0	0	0	0	0	0	0
HOOD COLLEGE	495	0	0	0	482	0	0	13	0	0	0	0
HOWARD COMMUNITY COLLEGE	353	0	0	0	353	0	0	0	0	0	0	0
JOHNS HOPKINS UNIVERSITY	528,442	40	372	357,603	4,256	2,957	952	149,248	0	3,511	8,408	1,495
LOYOLA COLLEGE	519	0	0	20	446	0	3	0	0	26	24	0
MARYLAND INST COL OF ART	3,823	0	0	0	3,823	0	0	0	0	0	0	0
MONTGOMERY COLLEGE	2,737	0	0	0	2,725	0	0	12	0	0	0	0
MORGAN STATE UNIVERSITY	4,978	0	0	0	3,977	0	0	207	0	594	125	75
MOUNT ST MARY'S COL (MD)	290	0	0	0	290	0	0	0	0	0	0	0
NER ISRAEL RABBINICAL COL	147	0	0	0	147	0	0	0	0	0	0	0
PEABODY INST-J HOPKINS U	81	0	0	0	81	0	0	0	0	0	0	0
PRINCE GEORGES CNTY COL	1,480	0	0	0	1,358	0	0	122	0	0	0	0
SALISBURY STATE COLLEGE	1,048	0	0	0	962	0	0	86	0	0	0	0
SOJOURNER-DOUGLAS COLLEGE	1,345	0	0	0	1,345	0	0	0	0	0	0	0
ST JOHN'S COLLEGE (MD)	3,357	0	0	0	3,339	0	0	0	0	18	0	0
ST MARY'S COLLEGE OF MD	312	0	0	0	264	0	0	48	0	0	0	0
ST MARY'S SEM & UNIV	27	0	0	0	27	0	0	0	0	0	0	0
TOWSON STATE UNIVERSITY	2,866	0	0	0	2,855	0	0	0	0	5	6	0

SEE FOOTNOTES AT END OF TABLE.

TABLE C-17. — FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES
BY STATE, INSTITUTION, AND AGENCY: FISCAL YEAR 1987

CONTINUED

(DOLLARS IN THOUSANDS)

STATE & INSTITUTION	TOTAL	USDA	COM	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
MARYLAND, CONT'D												
U OF MD BALTIMORE COUNTY	5,808	0	0	0	2,682	0	0	1,769	0	160	1,197	0
U OF MD CENTER FOR EES	552	0	0	460	0	74	0	0	0	18	0	0
U OF MD EASTERN SHORE	3,874	1,681	0	0	1,752	0	0	0	25	40	376	0
U OF MD UNIVERSITY COLL	2,037	58	0	0	1,979	0	0	0	0	0	0	0
UNIV OF MARYLAND SYS OFF	4,169	652	2,418	0	0	0	0	6	554	0	5	534
UNIV OF MD BALT PROF SCH	33,575	0	0	2,035	894	0	75	29,885	0	0	686	0
UNIV OF MD COLLEGE PARK	62,327	6,292	1,010	13,533	9,046	5,434	845	4,155	61	8,357	12,669	895
UNIVERSITY OF BALTIMORE	840	0	0	0	840	0	0	0	0	0	0	0
VILLA JULIE COLLEGE	813	0	0	0	813	0	0	0	0	0	0	0
WASH BIBLE COLLEGE	113	0	0	0	113	0	0	0	0	0	0	0
WASHINGTON COLLEGE	187	0	0	0	175	0	0	0	0	0	12	0
WESTERN MARYLAND COLLEGE	484	0	0	0	461	0	0	0	0	0	23	0
WOR-WIC TECH CNTY COLLEGE	166	0	0	0	166	0	0	0	0	0	0	0
MASSACHUSETTS, TOTAL	723,818	18,065	3,721	93,415	132,953	61,569	4,510	282,681	1,311	18,889	102,744	3,960
AMERICAN INTERNATL COL	696	0	0	0	696	0	0	0	0	0	0	0
AMHERST COLLEGE	1,767	270	30	0	850	0	0	438	0	0	179	0
ANNA MARIA COLLEGE	219	0	0	0	219	0	0	0	0	0	0	0
ASSUMPTION COLLEGE	1,252	0	0	0	1,252	0	0	0	0	0	0	0
ATLANTIC UNION COLLEGE	611	0	0	0	611	0	0	0	0	0	0	0
BABSON COLLEGE	492	0	100	0	392	0	0	0	0	0	0	0
BAY PATH JR COLLEGE	311	0	0	0	311	0	0	0	0	0	0	0
BAY STATE JR COL BUSINESS	575	0	0	0	575	0	0	0	0	0	0	0
BECKER JR COL - WORCESTER	583	0	0	0	583	0	0	0	0	0	0	0
BENTLEY COLLEGE	1,390	0	0	0	1,390	0	0	0	0	0	0	0
BERKSHIRE COMMUNITY COL	4,059	0	0	0	4,059	0	0	0	0	0	0	0
BOSTON ARCHITECTURAL CTR	26	0	0	0	26	0	0	0	0	0	0	0
BOSTON COLLEGE	8,131	0	0	618	4,354	0	40	1,982	0	0	974	163
BOSTON CONSERV OF MUSIC	149	0	0	0	149	0	0	0	0	0	0	0
BOSTON UNIVERSITY	67,030	56	95	3,978	9,722	1,115	10	46,658	30	513	4,844	9
BRADFORD COLLEGE	407	0	0	0	407	0	0	0	0	0	0	0
BRANDEIS UNIVERSITY	19,444	0	0	50	1,655	543	143	13,402	0	394	3,257	0
BRIDGEWATER STATE COLLEGE	1,895	0	0	0	1,842	0	0	0	0	0	53	0
BRISTOL COMMUNITY COLLEGE	1,844	0	0	0	1,844	0	0	0	0	0	0	0
BUNKER HILL COMMUNITY COL	2,460	0	0	0	2,460	0	0	0	0	0	0	0
CAMBRIDGE COLLEGE	7	0	0	0	7	0	0	0	0	0	0	0
CAPE COD COMMUNITY COL	471	0	0	0	471	0	0	0	0	0	0	0
CATHERINE COLLEGE	164	0	0	0	164	0	0	0	0	0	0	0
CHAMBERLAYNE JR COL	310	0	0	0	310	0	0	0	0	0	0	0
CLARK UNIVERSITY	3,326	0	0	240	1,259	130	0	261	0	0	316	1,120
COL OF OUR LADY OF ELMS	339	0	0	0	339	0	0	0	0	0	0	0
COL OF THE HOLY CROSS	1,254	0	0	0	1,043	0	0	0	0	0	211	0
CURRY COLLEGE	274	0	0	0	274	0	0	0	0	0	0	0
DEAN JUNIOR COLLEGE	332	0	0	0	332	0	0	0	0	0	0	0
EASTERN NAZARENE COLLEGE	447	0	0	0	447	0	0	0	0	0	0	0
EMERSON COLLEGE	977	0	0	0	977	0	0	0	0	0	0	0
EMMANUEL COLLEGE	2,290	0	0	1,310	980	0	0	0	0	0	0	0
ENDICOTT COLLEGE	270	0	0	0	270	0	0	0	0	0	0	0
FISHER JUNIOR COLLEGE	713	0	0	0	713	0	0	0	0	0	0	0
FITCHBURG STATE COLLEGE	1,046	0	0	0	1,046	0	0	0	0	0	0	0
FORSYTH SCH DENT HYGNSTS	28	0	0	0	28	0	0	0	0	0	0	0
FRAMINGHAM STATE COLLEGE	566	0	0	0	566	0	0	0	0	0	0	0
FRANKLIN INST OF BOSTON	128	0	0	0	128	0	0	0	0	0	0	0
GORDON COLLEGE	597	0	0	0	597	0	0	0	0	0	0	0
GORDON-CONWELL THEOL SEM	140	0	0	0	140	0	0	0	0	0	0	0
GREENFIELD COMMUNITY COL	763	0	0	0	763	0	0	0	0	0	0	0
HAMPSHIRE COLLEGE	673	0	0	0	627	0	0	13	0	0	33	0
HARVARD UNIVERSITY	152,077	115	103	8,413	8,236	4,229	781	105,500	56	4,056	18,566	2,022
HELLENIC COL HOLY CROSS	24	0	0	0	24	0	0	0	0	0	0	0
HOLYOKE COMMUNITY COLLEGE	1,373	0	0	0	1,373	0	0	0	0	0	0	0
KATHARINE GIBBS SCH(MASS)	205	0	0	0	205	0	0	0	0	0	0	0
LASELL JUNIOR COLLEGE	201	0	0	0	201	0	0	0	0	0	0	0
LESLEY COLLEGE	879	0	0	0	877	0	0	0	0	0	2	0
MARIAN COURT JUNIOR COLL	66	0	0	0	66	0	0	0	0	0	0	0
MASS BAY COMMUNITY COL	316	0	0	0	316	0	0	0	0	0	0	0
MASS COL PHAR/ALLIED HLTH	487	0	0	0	473	0	0	14	0	0	0	0
MASS COLLEGE OF ART	518	0	0	0	518	0	0	0	0	0	0	0
MASS INST OF TECHNOLOGY	209,520	411	2,107	45,813	4,779	52,075	290	51,331	788	12,140	39,420	366
MASS MARITIME ACADEMY	234	0	0	0	234	0	0	0	0	0	0	0
MASS SCH OF PROF PSYCH	84	0	0	0	0	0	0	0	0	0	0	84
MASSASOIT COMMUNITY COL	1,391	0	0	0	1,391	0	0	0	0	0	0	0
MERRIMACK COLLEGE	557	0	0	0	557	0	0	0	0	0	0	0
MIDDLESEX CNTY COL (MASS)	866	0	0	0	732	0	0	134	0	0	0	0
MOUNT HOLYOKE COLLEGE	1,398	0	0	0	1,265	31	0	0	0	0	102	0
MOUNT IDA JUNIOR COLLEGE	509	0	0	0	509	0	0	0	0	0	0	0
MOUNT WACHUSETT CNTY COL	883	0	0	0	883	0	0	0	0	0	0	0
N E COL OF OPTOMETRY	230	0	0	0	160	0	0	70	0	0	0	0
NEWBURY JUNIOR COLLEGE	1,124	0	0	0	1,124	0	0	0	0	0	0	0
NICHOLS COLLEGE	166	0	0	0	166	0	0	0	0	0	0	0
NORTH ADAMS STATE COLLEGE	1,019	0	0	0	1,019	0	0	0	0	0	0	0
NORTH SHORE CNTY COLLEGE	1,782	0	0	0	1,782	0	0	0	0	0	0	0
NORTHEASTERN UNIVERSITY	18,416	0	0	2,679	10,136	154	49	3,247	0	181	1,899	71
NORTHERN ESSEX CNTY COL	1,268	0	0	0	1,268	0	0	0	0	0	0	0
PINE MANOR COLLEGE	87	0	0	0	87	0	0	0	0	0	0	0
QUINCY JUNIOR COLLEGE	625	0	0	0	625	0	0	0	0	0	0	0
QUINSIGAMOND CNTY COLLEGE	1,227	0	0	0	1,227	0	0	0	0	0	0	0
RADCLIFFE COLLEGE	1,757	0	0	142	1,460	0	0	155	0	0	0	0

SEE FOOTNOTES AT END OF TABLE.

TABLE C-17. — FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES BY STATE, INSTITUTION, AND AGENCY: FISCAL YEAR 1987

CONTINUED

(DOLLARS IN THOUSANDS)

STATE & INSTITUTION	TOTAL	USDA	COM	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
MASSACHUSETTS, CONT'D												
REGIS COLLEGE	880	0	0	470	410	0	0	0	0	0	0	0
ROXBURY COMMUNITY COLLEGE	2,209	0	0	0	2,209	0	0	0	0	0	0	0
SALEM STATE COLLEGE	2,414	0	0	0	2,412	0	2	0	0	0	0	0
SIMMONS COLLEGE	2,012	0	0	0	1,430	0	0	582	0	0	0	0
SIMON'S ROCK	215	0	0	0	215	0	0	0	0	0	0	0
SMITH COLLEGE	2,128	0	0	0	1,709	0	189	151	0	0	109	0
SOUTHEASTERN MASS UNIV	3,427	718	0	0	2,317	0	0	0	0	0	392	0
SPRINGFIELD COLLEGE	885	0	0	0	885	0	0	0	0	0	0	0
SPRINGFIELD TECH CMTY COL	119	0	0	0	0	0	0	119	0	0	0	0
ST HYACINTH COL AND SEM	1	0	0	0	1	0	0	0	0	0	0	0
ST JOHN'S SEMINARY	55	0	0	0	55	0	0	0	0	0	0	0
STONEHILL COLLEGE	4,475	0	0	0	4,475	0	0	0	0	0	0	0
SUFFOLK UNIVERSITY	1,305	0	0	0	1,305	0	0	0	0	0	0	0
SWAIN SCH OF DESIGN	121	0	0	0	121	0	0	0	0	0	0	0
TUFTS UNIVERSITY	43,122	10,399	0	370	5,051	1,129	2,725	21,571	0	41	1,836	0
UNIV OF MASS SYSTEM OFF	458	148	80	0	0	0	0	0	105	0	0	125
UNIVERSITY OF LOWELL	5,243	0	0	1,968	2,184	105	0	778	0	0	208	0
UNIVERSITY OF MASSACHUSET	77,837	5,948	0	11,644	12,965	1,491	311	34,409	62	948	10,059	0
WELLESLEY COLLEGE	2,197	0	0	0	1,110	0	0	778	0	0	309	0
WENTWORTH INST OF TECH	2,983	0	0	1,670	1,217	0	0	0	0	96	0	0
WESTERN NEW ENGLAND COL	1,064	0	0	0	974	0	0	0	0	50	40	0
WESTFIELD STATE COLLEGE	1,320	0	0	0	1,320	0	0	0	0	0	0	0
WHEATON COLLEGE	660	0	0	0	555	0	0	65	0	20	20	0
WHEELOCK COLLEGE	602	0	0	0	577	0	0	25	0	0	0	0
WILLIAMS COLLEGE	1,167	0	0	0	871	0	0	103	0	0	193	0
WOODS HOLE OCNGRPHIC INST	35,620	0	1,206	14,050	0	557	0	431	270	189	18,917	0
WORCESTER POLY INSTITUTE	2,472	0	0	0	932	10	0	464	0	261	805	0
WORCESTER STATE COLLEGE	1,082	0	0	0	1,082	0	0	0	0	0	0	0
MICHIGAN, TOTAL	408,866	18,347	560	16,533	163,375	8,674	1,641	141,984	259	10,170	40,983	6,140
ADRIAN COLLEGE	1,121	0	0	0	1,083	0	0	0	0	0	38	0
ALBION COLLEGE	511	0	0	0	477	0	0	0	0	0	34	0
ALMA COLLEGE	554	0	0	0	554	0	0	0	0	0	0	0
ALPENA COMMUNITY COLLEGE	1,542	0	40	0	1,502	0	0	0	0	0	0	0
ANDREWS UNIVERSITY	1,742	0	0	0	1,699	0	0	0	0	0	43	0
AQUINAS COLLEGE	748	0	0	0	748	0	0	0	0	0	0	0
BAKER JR COL OF BUSINESS	1,581	0	0	0	1,581	0	0	0	0	0	0	0
BAY DE NOC COMMUNITY COL	1,284	0	0	0	1,284	0	0	0	0	0	0	0
CALVIN COLLEGE	2,252	0	0	0	2,137	0	0	0	0	0	115	0
CALVIN THEOL SEMINARY	2	0	0	0	2	0	0	0	0	0	0	0
CENTRAL MICHIGAN UNIV	6,780	0	0	0	6,635	0	0	79	0	0	66	0
CHARLES STEWART MOTT C C	3,377	0	0	0	3,377	0	0	0	0	0	0	0
CLEARY COLLEGE	840	0	0	0	840	0	0	0	0	0	0	0
CONCORDIA COLLEGE	436	0	0	0	429	0	0	0	0	0	7	0
CRANBROOK ACAD OF ART	198	0	0	0	198	0	0	0	0	0	0	0
DAVENPORT COLLEGE	3,271	0	0	0	3,271	0	0	0	0	0	0	0
DELTA COLLEGE	3,358	0	0	0	3,358	0	0	0	0	0	0	0
DETROIT COL OF BUS ADMIN	1,712	0	0	0	1,712	0	0	0	0	0	0	0
EASTERN MICHIGAN UNIV	9,806	0	0	0	8,927	0	0	392	0	0	487	0
FERRIS STATE COLLEGE	6,109	0	0	0	5,948	0	0	161	0	0	0	0
GLEN OAKS CMTY COLLEGE	385	0	0	0	385	0	0	0	0	0	0	0
GMI ENGR/MANAGEMENT INST	50	0	0	0	0	0	0	0	0	0	50	0
GOGEBIC COMMUNITY COLLEGE	823	0	0	0	823	0	0	0	0	0	0	0
GRACE BIBLE COLLEGE	79	0	0	0	79	0	0	0	0	0	0	0
GRAND RAPIDS BAPT COL&SEM	448	0	0	0	448	0	0	0	0	0	0	0
GRAND RAPIDS JUNIOR COL	538	0	0	0	538	0	0	0	0	0	0	0
GRAND VALLEY STATE COLS	4,429	0	0	0	4,429	0	0	0	0	0	0	0
GREAT LAKES BIBLE COLLEGE	151	0	0	0	151	0	0	0	0	0	0	0
HENRY FORD COMMUNITY COL	2,649	0	0	0	2,649	0	0	0	0	0	0	0
HIGHLAND PARK CMTY COL	2,352	0	0	0	2,352	0	0	0	0	0	0	0
HILLSDALE COLLEGE	1	0	0	0	1	0	0	0	0	0	0	0
HOPE COLLEGE	1,418	0	0	0	964	0	0	154	0	0	300	0
JACKSON COMMUNITY COLLEGE	1,399	0	0	0	1,399	0	0	0	0	0	0	0
JORDAN COLLEGE	3,153	0	0	0	3,153	0	0	0	0	0	0	0
KALAMAZOO COLLEGE	841	0	0	3	762	0	0	53	0	0	23	0
KALAMAZOO VALLEY CMTY COL	1,206	0	0	0	1,206	0	0	0	0	0	0	0
KELLOGG COMMUNITY COLLEGE	1,346	0	0	0	1,346	0	0	0	0	0	0	0
KIRTLAND COMMUNITY COL	781	0	0	0	781	0	0	0	0	0	0	0
LAKE MICHIGAN COLLEGE	770	0	0	0	770	0	0	0	0	0	0	0
LAKE SUPERIOR STATE COL	1,672	0	0	0	1,649	0	0	23	0	0	0	0
LANSING COMMUNITY COLLEGE	4,071	0	0	0	4,021	0	0	50	0	0	0	0
LAWRENCE INST OF TECH	22	0	0	0	0	0	0	0	0	0	22	0
MACOMB COUNTY CMTY COL	2,053	0	0	0	2,053	0	0	0	0	0	0	0
MADONNA COLLEGE	975	0	0	0	900	0	0	75	0	0	0	0
MARYGROVE COLLEGE	1,991	0	0	0	1,991	0	0	0	0	0	0	0
MERCY COLLEGE OF DETROIT	1,593	0	0	0	1,444	0	0	149	0	0	0	0
MICHIGAN CHRISTIAN COL	252	0	0	0	252	0	0	0	0	0	0	0
MICHIGAN STATE UNIVERSITY	76,270	16,891	144	1,772	14,640	2,801	754	18,762	105	340	15,147	4,914
MICHIGAN TECH UNIVERSITY	7,439	623	0	2,317	2,487	478	95	87	154	216	982	0
MID MICHIGAN CMTY COLLEGE	918	0	0	0	918	0	0	0	0	0	0	0
MONROE COUNTY CMTY COL	386	0	0	0	386	0	0	0	0	0	0	0
MONTCALM COMMUNITY COL	848	0	0	0	848	0	0	0	0	0	0	0
MUSKEGON COMMUNITY COL	1,205	0	0	0	1,205	0	0	0	0	0	0	0
NAZARETH COLLEGE	276	0	0	0	276	0	0	0	0	0	0	0
NORTH CENTRAL MICH COL	450	0	0	0	450	0	0	0	0	0	0	0
NORTHERN MICHIGAN UNIV	4,873	0	63	0	4,719	0	0	43	0	0	48	0
NORTHWESTERN MICHIGAN COL	1,170	0	0	0	1,170	0	0	0	0	0	0	0

SEE FOOTNOTES AT END OF TABLE.

TABLE C-17. — FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES BY STATE, INSTITUTION, AND AGENCY: FISCAL YEAR 1987

CONTINUED

(DOLLARS IN THOUSANDS)

STATE & INSTITUTION	TOTAL	USDA	CON	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
MICHIGAN, CONT'D												
NORTHWOOD INSTITUTE	1,399	0	0	0	1,399	0	0	0	0	0	0	0
OAKLAND COMMUNITY COLLEGE	2,025	0	0	80	1,912	33	0	0	0	0	0	0
OAKLAND UNIVERSITY	2,874	0	0	0	0	0	0	2,661	0	0	215	0
OLIVET COLLEGE	672	0	0	0	672	0	0	0	0	0	0	0
REFORMED BIBLE COLLEGE	125	0	0	0	125	0	0	0	0	0	0	0
SACRED HEART SEMINARY COL	21	0	0	0	21	0	0	0	0	0	0	0
SAGINAW BUSINESS INST	1,422	0	0	0	1,422	0	0	0	0	0	0	0
SAGINAW VALLEY STATE COL	2,185	0	0	0	1,881	0	0	269	0	0	35	0
SCHOOLCRAFT COLLEGE	588	0	0	0	588	0	0	0	0	0	0	0
SIENA HEIGHTS COLLEGE	942	0	0	0	942	0	0	0	0	0	0	0
SOCIETY OF ARTS & CRAFTS	329	0	0	0	329	0	0	0	0	0	0	0
SOUTHWESTERN MICHIGAN COL	1,088	0	0	0	1,088	0	0	0	0	0	0	0
SPRING ARBOR COLLEGE	1,052	0	0	0	1,052	0	0	0	0	0	0	0
ST CLAIR COUNTY CMTY COL	868	0	0	0	868	0	0	0	0	0	0	0
ST MARY'S COL (MICH)	67	0	0	0	67	0	0	0	0	0	0	0
SUOMI COLLEGE	3,623	0	0	0	3,623	0	0	0	0	0	0	0
THOMAS M COOLEY LAW SCH	226	0	0	0	226	0	0	0	0	0	0	0
UNIVERSITY OF DETROIT	2,927	0	0	0	2,690	0	0	229	0	0	8	0
UNIVERSITY OF MICHIGAN	162,625	833	313	11,789	13,164	5,236	792	98,201	0	9,493	21,701	1,103
WALSH COL ACCTG&BUS ADMIN	110	0	0	0	110	0	0	0	0	0	0	0
WASHTENAW COMMUNITY COL	1,406	0	0	0	1,406	0	0	0	0	0	0	0
WAYNE COUNTY CMTY COLLEGE	5,760	0	0	0	5,760	0	0	0	0	0	0	0
WAYNE STATE UNIVERSITY	31,526	0	0	522	8,688	256	0	20,281	0	33	1,623	123
WEST SHORE COMMUNITY COL	547	0	0	0	547	0	0	0	0	0	0	0
WESTERN MICHIGAN UNIV	7,818	0	0	50	7,256	70	0	315	0	88	39	0
WILLIAM TYNDALE COLLEGE	132	0	0	0	132	0	0	0	0	0	0	0
MINNESOTA, TOTAL	237,634	15,116	890	4,159	99,059	4,778	1,301	92,181	368	1,993	17,524	265
ALEXANDRIA AREA VOC-TECH	1,543	0	0	0	1,543	0	0	0	0	0	0	0
ANOKA-RAMSEY CMTY COLLEGE	1,131	0	0	0	1,131	0	0	0	0	0	0	0
ARROWHEAD CC-HIBBING CAM	2,025	0	0	0	2,025	0	0	0	0	0	0	0
AUGSBURG COLLEGE	1,542	0	0	0	1,538	0	0	0	0	0	4	0
AUSTIN CMTY COL (MINN)	477	0	0	0	477	0	0	0	0	0	0	0
BEMIDJI STATE UNIVERSITY	4,252	0	0	0	4,212	0	2	22	0	0	16	0
BETHANY LUTHERAN COLLEGE	230	0	0	0	230	0	0	0	0	0	0	0
BETHEL COLLEGE & SEMINARY	966	0	0	0	960	0	0	0	0	0	6	0
BRAINERD COMMUNITY COL	655	0	0	0	655	0	0	0	0	0	0	0
BROWN INSTITUTE	141	0	0	0	141	0	0	0	0	0	0	0
CARLETON COLLEGE	1,381	145	0	0	951	0	0	0	0	0	285	0
COLLEGE OF ST BENEDICT	1,394	0	0	0	1,394	0	0	0	0	0	0	0
COLLEGE OF ST CATHERINE	1,078	0	0	0	1,078	0	0	0	0	0	0	0
COLLEGE OF ST SCHOLASTICA	1,731	0	0	0	1,573	0	0	158	0	0	0	0
COLLEGE OF ST TERESA	483	0	0	0	483	0	0	0	0	0	0	0
COLLEGE OF ST THOMAS	1,950	0	0	0	1,550	0	0	0	0	0	0	0
CONCORDIA COL MOORHEAD	1,563	0	0	0	1,540	0	0	0	0	0	23	0
CONCORDIA COL ST PAUL	742	0	0	0	742	0	0	0	0	0	0	0
CROSIER SEMINARY	24	0	0	0	24	0	0	0	0	0	0	0
DAKOTA CO AREA VOC-TECH	762	0	0	0	762	0	0	0	0	0	0	0
DR MARTIN LUTHER COLLEGE	262	0	0	0	262	0	0	0	0	0	0	0
FERGUS FALLS CMTY COLLEGE	473	0	0	0	473	0	0	0	0	0	0	0
GUSTAVUS ADOLPHUS COLLEGE	1,318	0	0	0	1,249	0	0	0	0	0	69	0
HAMLINE UNIVERSITY	1,330	0	0	0	1,330	0	0	0	0	0	0	0
INVER HILLS CMTY COLLEGE	749	0	0	0	749	0	0	0	0	0	0	0
LAKEWOOD COMMUNITY COL	1,121	0	0	0	1,121	0	0	0	0	0	0	0
LUTHER NORTHWEST THEO SEM	137	0	0	0	137	0	0	0	0	0	0	0
MACALESTER COLLEGE	1,160	0	0	0	992	0	0	0	0	0	168	0
MANKATO STATE UNIVERSITY	7,636	0	0	0	7,312	0	0	56	0	0	268	0
MEDICAL INSTITUTE OF MINN	210	0	0	0	210	0	0	0	0	0	0	0
METRO STATE UNIV	478	0	0	0	478	0	0	0	0	0	0	0
MINNEAPOLIS C-ART DESIGN	530	0	0	0	530	0	0	0	0	0	0	0
MINNEAPOLIS COMMUNITY COL	2,341	0	0	0	2,341	0	0	0	0	0	0	0
MINNESOTA BIBLE COLLEGE	79	0	0	0	79	0	0	0	0	0	0	0
MOORHEAD STATE UNIVERSITY	5,277	0	0	0	5,277	0	0	0	0	0	0	0
NORMANDALE COMMUNITY COL	743	0	0	0	743	0	0	0	0	0	0	0
NORTH CENTRAL BIBLE COL	737	0	0	0	737	0	0	0	0	0	0	0
NORTH HENNEPIN CMTY COL	926	0	0	0	926	0	0	0	0	0	0	0
NORTHLAND CMTY COLLEGE	467	0	0	0	467	0	0	0	0	0	0	0
NORTHWEST TECHNICAL INST	41	0	0	0	41	0	0	0	0	0	0	0
NORTHWESTERN COL (MINN)	686	0	0	0	686	0	0	0	0	0	0	0
NORTHWSTRN COL OF CHIRO	603	0	0	0	603	0	0	0	0	0	0	0
PILLSBURY BPTST BIBLE C	135	0	0	0	135	0	0	0	0	0	0	0
ROCHESTER COMMUNITY COL	1,476	0	0	0	1,476	0	0	0	0	0	0	0
SCHOOL OF ASSOCIATED ARTS	72	0	0	0	72	0	0	0	0	0	0	0
SOUTHWEST STATE UNIV	1,879	0	0	0	1,879	0	0	0	0	0	0	0
ST CLOUD STATE UNIVERSITY	6,548	0	0	0	6,451	0	0	73	0	0	24	0
ST JOHN'S UNIVERSITY	972	0	0	0	946	0	0	26	0	0	0	0
ST MARY'S COLLEGE	849	90	0	0	759	0	0	0	0	0	0	0
ST MARY'S JUNIOR COLLEGE	269	0	0	0	269	0	0	0	0	0	0	0
ST OLAF COLLEGE	1,492	0	0	0	1,238	0	0	99	0	0	155	0
ST PAUL BIBLE COL	702	0	0	0	702	0	0	0	0	0	0	0
ST PAUL SEMINARY	12	0	0	0	12	0	0	0	0	0	0	0
ST PAUL TECH VOC INST	2,566	0	0	0	2,566	0	0	0	0	0	0	0
ST U SYS OF MINN-SYS OFF	4,318	0	0	0	4,318	0	0	0	0	0	0	0
UNIVERSITY OF MINNESOTA	160,994	14,881	890	4,159	24,320	4,778	1,299	91,552	368	1,993	16,489	265
WILLMAR COMMUNITY COLLEGE	863	0	0	0	863	0	0	0	0	0	0	0
WINONA STATE UNIVERSITY	2,796	0	0	0	2,584	0	0	195	0	0	17	0
WM MITCHELL COL OF LAW	271	0	0	0	271	0	0	0	0	0	0	0

SEE FOOTNOTES AT END OF TABLE.

TABLE C-17. — FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES
BY STATE, INSTITUTION, AND AGENCY: FISCAL YEAR 1987

CONTINUED

(DOLLARS IN THOUSANDS)

STATE & INSTITUTION	TOTAL	USDA	COM	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
MINNESOTA, CONT'D												
NORTHINGTON COMMUNITY COL	446	0	0	0	446	0	0	0	0	0	0	0
MISSISSIPPI, TOTAL	144,632	37,024	225	8,965	80,195	3,129	467	12,052	258	516	1,596	205
ALCORN STATE UNIVERSITY	7,178	2,704	0	80	4,394	0	0	0	0	0	0	0
BELHAVEN COLLEGE	276	0	0	0	276	0	0	0	0	0	0	0
BLUE MOUNTAIN COLLEGE	232	0	0	0	232	0	0	0	0	0	0	0
CLARKE COLLEGE	122	0	0	0	122	0	0	0	0	0	0	0
COAHOMA JUNIOR COLLEGE	2,932	0	0	0	2,901	31	0	0	0	0	0	0
COPIAH-LINCOLN JR COL	1,194	0	0	0	1,194	0	0	0	0	0	0	0
DELTA STATE UNIVERSITY	1,969	0	0	0	1,956	0	0	0	0	0	13	0
EAST CENTRAL JUNIOR COL	664	0	0	0	664	0	0	0	0	0	0	0
EAST MISSISSIPPI JR COL	640	0	0	0	640	0	0	0	0	0	0	0
HINDS J CO DIST UTICA CAM	1,183	0	0	0	1,183	0	0	0	0	0	0	0
HINDS JUNIOR COLLEGE	3,062	0	0	0	3,062	0	0	0	0	0	0	0
HOLMES JUNIOR COLLEGE	860	0	0	0	860	0	0	0	0	0	0	0
ITAWAMBA JUNIOR COLLEGE	1,506	0	0	0	1,506	0	0	0	0	0	0	0
JACKSON STATE UNIVERSITY	14,973	13	0	82	11,994	930	0	1,142	0	151	521	140
JONES COUNTY JUNIOR COL	1,503	0	0	0	1,503	0	0	0	0	0	0	0
MARY HOLMES COLLEGE	1,659	0	0	0	1,659	0	0	0	0	0	0	0
MERIDIAN JUNIOR COLLEGE	1,246	0	0	0	1,246	0	0	0	0	0	0	0
MILLSAPS COLLEGE	579	0	0	0	579	0	0	0	0	0	0	0
MISS GLF CST JC PERKINSTN	2,563	0	0	0	2,467	0	0	96	0	0	0	0
MISS UNIVERSITY FOR WOMEN	946	0	0	0	789	0	0	157	0	0	0	0
MISS VALLEY STATE UNIV	6,370	728	100	0	5,498	0	0	44	0	0	0	0
MISSISSIPPI COLLEGE	1,015	0	0	0	1,008	0	0	0	0	0	7	0
MISSISSIPPI DELTA JR COL	1,174	0	0	0	1,174	0	0	0	0	0	0	0
MISSISSIPPI STATE UNIV	31,467	14,299	0	6,730	7,200	1,976	157	714	0	264	62	65
NORTHEAST MISS JUNIOR COL	1,326	0	0	0	1,326	0	0	0	0	0	0	0
NORTHWEST MISS JUNIOR COL	2,774	0	0	0	2,774	0	0	0	0	0	0	0
PEARL RIVER JUNIOR COL	1,282	0	0	0	1,282	0	0	0	0	0	0	0
PHILLIPS COL OF JACKSON	742	0	0	0	742	0	0	0	0	0	0	0
PHILLIPS COLLEGE	907	0	0	0	907	0	0	0	0	0	0	0
PRENTISS NORM & IND INST	320	0	0	0	320	0	0	0	0	0	0	0
RUST COLLEGE	2,969	0	0	0	2,818	0	0	151	0	0	0	0
SOUTHEASTERN BAPTIST COL	58	0	0	0	58	0	0	0	0	0	0	0
SOUTHWEST MISS JUNIOR COL	603	0	0	0	603	0	0	0	0	0	0	0
TOUGALOO COLLEGE	2,630	0	0	0	2,152	0	0	478	0	0	0	0
UNIV OF STHRN MISSISSIPPI	20,772	9,870	45	1,113	8,820	170	0	160	15	78	501	0
UNIVERSITY OF MISSISSIPPI	23,581	9,410	80	960	2,931	22	310	9,110	243	23	492	0
WESLEY COLLEGE	85	0	0	0	85	0	0	0	0	0	0	0
WILLIAM CAREY COLLEGE	987	0	0	0	987	0	0	0	0	0	0	0
WOOD JUNIOR COLLEGE	283	0	0	0	283	0	0	0	0	0	0	0
MISSOURI, TOTAL	244,417	18,563	402	3,915	88,346	2,094	361	113,892	1,556	2,612	9,728	2,948
ASSEMBLIES OF GOD GRAD SC	48	0	0	0	48	0	0	0	0	0	0	0
AVILA COLLEGE	517	0	0	0	517	0	0	0	0	0	0	0
BAILEY TECHNICAL SCHL	220	0	0	0	220	0	0	0	0	0	0	0
BAPTIST BIBLE COLLEGE	742	0	0	0	742	0	0	0	0	0	0	0
BASIC INSTITUTE OF TECH	136	0	0	0	136	0	0	0	0	0	0	0
CALVARY BIBLE COL	191	0	0	0	191	0	0	0	0	0	0	0
CARDINAL GLENNON COL	11	0	0	0	11	0	0	0	0	0	0	0
CENTRAL BIBLE COLLEGE	765	0	0	0	765	0	0	0	0	0	0	0
CENTRAL METHODIST COLLEGE	796	0	0	0	796	0	0	0	0	0	0	0
CENTRAL MISSOURI ST UNIV	3,614	0	0	0	3,565	0	0	49	0	0	0	0
CLAYTON UNIVERSITY	19	0	0	0	19	0	0	0	0	0	0	0
CLEVELAND CHIRO COLLEGE	106	0	0	0	106	0	0	0	0	0	0	0
CNTRL CHRISTIAN COL BIBLE	45	0	0	0	45	0	0	0	0	0	0	0
COLUMBIA COLLEGE (MO)	881	0	0	0	881	0	0	0	0	0	0	0
CONCEPTION SEM COLLEGE	78	0	0	0	78	0	0	0	0	0	0	0
CONCORDIA SEMINARY	96	0	0	0	96	0	0	0	0	0	0	0
COTTEY COLLEGE	117	0	0	0	117	0	0	0	0	0	0	0
CROWDER COLLEGE	925	0	0	0	892	0	33	0	0	0	0	0
CULVER-STOCKTON COLLEGE	599	0	0	0	599	0	0	0	0	0	0	0
DRURY COLLEGE	706	0	0	0	679	0	0	27	0	0	0	0
EAST CNTRL MO DIST JR COL	445	0	0	0	445	0	0	0	0	0	0	0
EDEN THEOLOGICAL SEMINARY	10	0	0	0	10	0	0	0	0	0	0	0
EVANGEL COLLEGE	1,244	0	0	0	1,244	0	0	0	0	0	0	0
FONTBONNE COLLEGE	305	0	0	0	305	0	0	0	0	0	0	0
HANNIBAL-LA GRANGE COL	528	0	0	0	528	0	0	0	0	0	0	0
HARRIS STOWE STATE COL	1,326	0	0	0	1,326	0	0	0	0	0	0	0
JEFFERSON COLLEGE	610	0	0	0	610	0	0	0	0	0	0	0
KANSAS CITY ART INST	566	0	0	0	566	0	0	0	0	0	0	0
KEMPER MILITARY SCH & COL	206	0	0	0	206	0	0	0	0	0	0	0
KIRKSVILLE COL OSTEO MED	1,197	0	0	0	587	0	78	532	0	0	0	0
LINCOLN UNIVERSITY (MO)	5,189	3,317	0	70	1,619	0	0	183	0	0	0	0
LONGVIEW COMMUNITY COL	482	0	0	0	482	0	0	0	0	0	0	0
MAPLE WOODS COMMUNITY COL	191	0	0	0	191	0	0	0	0	0	0	0
MARYVILLE COLLEGE	573	0	0	0	462	0	0	111	0	0	0	0
METRO CC ADM CTR SYS OFF	194	0	0	0	194	0	0	0	0	0	0	0
MINERAL AREA COLLEGE	1,430	0	0	0	1,430	0	0	0	0	0	0	0
MISSOURI BAPTIST COLLEGE	284	0	0	0	284	0	0	0	0	0	0	0
MISSOURI INST OF TECH	647	0	0	0	647	0	0	0	0	0	0	0
MISSOURI SOUTHERN ST COL	2,481	0	0	0	2,422	0	0	20	39	0	0	0
MISSOURI VALLEY COLLEGE	1,237	0	0	0	1,237	0	0	0	0	0	0	0
MISSOURI WESTERN ST COL	1,960	0	0	0	1,960	0	0	0	0	0	0	0
MOBERLY AREA JUNIOR COL	645	0	0	0	645	0	0	0	0	0	0	0

SEE FOOTNOTES AT END OF TABLE.

TABLE C-17. — FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES
BY STATE, INSTITUTION, AND AGENCY: FISCAL YEAR 1987

CONTINUED

(DOLLARS IN THOUSANDS)

STATE & INSTITUTION	TOTAL	USDA	CON	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
MISSOURI, CONT'D												
NAZARENE THEOLOGICAL SEM	8	0	0	0	8	0	0	0	0	0	0	0
NORTHEAST MISSOURI ST U	3,327	0	0	0	3,276	0	0	0	0	0	51	0
NORTHWEST MISSOURI ST U	2,664	0	0	0	2,664	0	0	0	0	0	0	0
OZARK BIBLE COLLEGE	368	0	0	0	368	0	0	0	0	0	0	0
PARK COLLEGE	1,333	0	0	0	1,333	0	0	0	0	0	0	0
PENN VALLEY COMMUNITY C	1,757	0	0	0	1,755	0	0	0	0	0	0	2
PIONEER CMTY COLLEGE	375	0	0	0	375	0	0	0	0	0	0	0
RESEARCH COL OF NURSING	85	0	0	0	85	0	0	0	0	0	0	0
ROCKHURST COLLEGE	689	0	0	0	689	0	0	0	0	0	0	0
RUTLEDGE COL SPRINGFIELD	35	0	0	0	35	0	0	0	0	0	0	0
SAINT LOUIS RABBINICAL C	60	0	0	0	60	0	0	0	0	0	0	0
SCHOOL OF THE OZARKS	1,137	0	0	0	1,137	0	0	0	0	0	0	0
SOUTHEAST MISSOURI ST U	4,128	0	0	0	4,033	0	0	53	0	0	42	0
SOUTHWEST BAPTIST COLLEGE	1,636	0	0	0	1,636	0	0	0	0	0	0	0
SOUTHWEST MISSOURI ST U	5,871	0	0	80	5,692	0	0	0	0	0	99	0
ST LOUIS CHRISTIAN COLL	78	0	0	0	78	0	0	0	0	0	0	0
ST LOUIS COL OF PHARMACY	382	0	0	0	356	0	0	26	0	0	0	0
ST LOUIS COMMUNITY COL	4,820	0	0	0	4,820	0	0	0	0	0	0	0
ST LOUIS UNIVERSITY	15,734	0	0	160	3,458	0	0	11,136	230	45	575	130
ST MARY'S COL OF O'FALLON	291	0	0	0	291	0	0	0	0	0	0	0
STATE FAIR COMMUNITY COL	871	0	0	0	871	0	0	0	0	0	0	0
STEPHENS COLLEGE	226	0	0	0	226	0	0	0	0	0	0	0
TARKIO COLLEGE	2,854	0	0	0	2,854	0	0	0	0	0	0	0
THE LINDENWOOD COLLEGES	287	0	0	0	287	0	0	0	0	0	0	0
THREE RIVERS CMTY COLLEGE	1,034	0	0	0	1,034	0	0	0	0	0	0	0
TRENTON JUNIOR COLLEGE	521	0	0	0	521	0	0	0	0	0	0	0
UNIV OF HEALTH SCIENCES	215	0	0	0	59	0	0	156	0	0	0	0
UNIV OF MISSOURI COLUMBIA	41,993	14,993	0	507	8,836	498	170	12,075	23	0	2,138	2,753
UNIV OF MISSOURI KAN CITY	5,779	51	0	377	3,464	96	80	1,632	0	0	79	0
UNIV OF MISSOURI ROLLA	3,929	1	0	260	1,326	319	0	30	920	271	802	0
UNIV OF MISSOURI ST LOUIS	3,199	1	0	81	2,331	0	0	222	0	29	531	0
UNIV OF MISSOURI SYS OFF	1,206	0	402	0	367	0	0	30	344	0	0	63
WASHINGTON UNIVERSITY	102,795	200	0	2,380	3,746	1,181	0	87,610	0	2,267	5,411	0
WEBSTER UNIVERSITY	916	0	0	0	916	0	0	0	0	0	0	0
WESTMINSTER COLLEGE	191	0	0	0	191	0	0	0	0	0	0	0
WILLIAM JEWELL COLLEGE	943	0	0	0	943	0	0	0	0	0	0	0
WILLIAM WOODS COLLEGE	322	0	0	0	322	0	0	0	0	0	0	0
MONTANA, TOTAL	37,488	5,111	209	408	21,991	143	800	2,918	2,855	215	2,713	125
BLACKFEET COMMUNITY COL	1,254	8	0	0	711	0	0	0	543	0	0	0
CARROLL COLLEGE	865	0	0	0	812	0	0	53	0	0	0	0
COLLEGE OF GREAT FALLS	813	0	0	0	813	0	0	0	0	0	0	0
DAWSON COMMUNITY COLLEGE	348	0	0	0	348	0	0	0	0	0	0	0
DULL KNIFE MEMORIAL COL	560	0	0	0	303	0	0	0	257	0	0	0
EASTERN MONTANA COLLEGE	2,571	0	0	55	2,386	0	0	76	0	0	54	0
FLATHEAD VALLEY CMTY COL	776	0	0	0	776	0	0	0	0	0	0	0
FORT BELKNAP COLLEGE	229	0	0	0	0	0	0	0	229	0	0	0
FORT PECK CMTY COLLEGE	323	0	0	0	0	0	0	0	323	0	0	0
LITTLE BIG HORN COLLEGE	354	0	0	0	118	0	0	0	236	0	0	0
MILES COMMUNITY COLLEGE	958	0	0	0	958	0	0	0	0	0	0	0
MONT COL MINRL SCI & TECH	1,002	9	0	0	777	0	42	22	138	0	14	0
MONTANA STATE UNIVERSITY	18,383	4,605	150	270	7,474	143	699	2,211	358	25	2,323	125
MONTANA U SYS-SYSTEM OFF	382	0	0	0	367	0	0	0	15	0	0	0
NORTHERN MONTANA COLLEGE	1,678	0	0	0	1,653	0	25	0	0	0	0	0
ROCKY MOUNTAIN COLLEGE	473	0	0	0	473	0	0	0	0	0	0	0
SALISH KOOTENAI CMTY COL	2,275	0	0	0	1,581	0	0	0	694	0	0	0
UNIVERSITY OF MONTANA	3,275	497	59	83	1,472	0	34	556	62	190	322	0
WESTERN MONTANA COLLEGE	1,369	0	0	0	1,369	0	0	0	0	0	0	0
NEBRASKA, TOTAL	78,139	8,454	335	829	41,543	493	145	15,083	557	762	4,497	5,441
BELLEVUE COLLEGE	347	0	0	0	347	0	0	0	0	0	0	0
BHP CLKSN MEM HOSP COL	86	0	0	0	86	0	0	0	0	0	0	0
CENTRAL CMTY COL AREA	1,193	0	0	0	1,193	0	0	0	0	0	0	0
CHADRON STATE COLLEGE	1,827	0	0	0	1,827	0	0	0	0	0	0	0
COLLEGE OF ST MARY	645	0	0	0	638	0	0	0	0	0	7	0
CONCORDIA TEACHERS COL	672	0	0	0	672	0	0	0	0	0	0	0
CREIGHTON UNIVERSITY	6,070	0	0	0	2,861	0	0	3,194	0	0	15	0
DANA COLLEGE	428	0	0	0	428	0	0	0	0	0	0	0
DOANE COLLEGE	604	0	0	0	604	0	0	0	0	0	0	0
GRACE COL OF THE BIBLE	149	0	0	0	149	0	0	0	0	0	0	0
HASTINGS COLLEGE	547	0	0	0	547	0	0	0	0	0	0	0
KEARNEY STATE COLLEGE	4,440	0	0	0	4,370	0	0	56	14	0	0	0
METROPOLITAN TECH CC	2,030	0	0	0	2,030	0	0	0	0	0	0	0
MID PLAINS CMTY COL AREA	671	0	0	0	671	0	0	0	0	0	0	0
MIDLAND LUTHERAN COLLEGE	761	0	0	0	761	0	0	0	0	0	0	0
NEBRASKA CHRISTIAN COL	117	0	0	0	117	0	0	0	0	0	0	0
NEBRASKA INDIAN CMTY COL	497	0	0	0	129	0	0	0	368	0	0	0
NEBRASKA WESLEYAN UNIV	685	0	0	0	685	0	0	0	0	0	0	0
NORTHEAST TECH CMTY COL	965	0	0	0	965	0	0	0	0	0	0	0
PERU STATE COLLEGE	958	0	0	0	958	0	0	0	0	0	0	0
SOUTHEAST NEB TECH CC	1,601	0	0	0	1,601	0	0	0	0	0	0	0
U NEB CTRL ADMIN SYS OFF	573	0	335	0	0	0	0	0	175	0	0	63
U OF NEB MED CTR AT OMAHA	10,106	0	0	0	911	0	0	9,175	0	20	0	0
UNION COLLEGE (NEB)	669	0	0	0	669	0	0	0	0	0	0	0
UNIV OF NEBRASKA AT OMAHA	7,216	0	0	130	3,859	0	0	35	0	0	0	3,192
UNIV OF NEBRASKA-LINCOLN	31,901	8,454	0	699	12,084	493	145	2,623	0	742	4,475	2,186

SEE FOOTNOTES AT END OF TABLE.

TABLE C-17. — FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES BY STATE, INSTITUTION, AND AGENCY: FISCAL YEAR 1987

CONTINUED

(DOLLARS IN THOUSANDS)

STATE & INSTITUTION	TOTAL	USDA	COM	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
NEBRASKA, CONT'D												
WAYNE STATE COLLEGE	2,071	0	0	0	2,071	0	0	0	0	0	0	0
YORK COLLEGE	310	0	0	0	310	0	0	0	0	0	0	0
NEVADA, TOTAL	25,893	2,791	1,244	260	7,718	2,189	4,305	3,950	1,500	305	2,031	0
CLARK COUNTY CMTY COLLEGE	613	0	0	0	613	0	0	0	0	0	0	0
DESERT RESEARCH INSTITUTE	2,421	0	1,244	0	0	31	347	0	168	20	611	0
NORTHERN NEVADA CMTY COL	110	0	0	0	100	0	0	10	0	0	0	0
OLD COLLEGE	36	0	0	0	36	0	0	0	0	0	0	0
SIERRA NEVADA COLLEGE	147	0	0	0	147	0	0	0	0	0	0	0
TRUCKEE MEADOWS CMTY COL	1,376	0	0	0	1,376	0	0	0	0	0	0	0
U OF NEV SYS ADM SYS OFF	1,881	0	0	0	0	0	1,100	0	231	0	550	0
UNIV OF NEVADA - RENO	13,785	2,791	0	260	2,410	2,158	604	3,477	1,068	285	732	0
UNIV OF NEVADA LAS VEGAS	5,329	0	0	0	2,841	0	2,254	63	33	0	138	0
WESTERN NEVADA CMTY COL	195	0	0	0	195	0	0	0	0	0	0	0
NEW HAMPSHIRE, TOTAL	55,356	3,463	2,598	1,912	17,048	984	346	18,897	105	5,640	4,363	0
CASTLE JUNIOR COLLEGE	63	0	0	0	63	0	0	0	0	0	0	0
COLBY-SAWYER COLLEGE	201	0	0	0	201	0	0	0	0	0	0	0
DARTMOUTH COLLEGE	26,368	356	0	1,580	3,308	629	316	17,820	0	357	2,002	0
FRANKLIN PIERCE COLLEGE	704	0	0	0	704	0	0	0	0	0	0	0
HESSER COLLEGE	620	0	0	0	620	0	0	0	0	0	0	0
KEENE STATE COLLEGE	1,532	0	0	0	1,532	0	0	0	0	0	0	0
MCINTOSH COLLEGE	136	0	0	0	136	0	0	0	0	0	0	0
MERRIMACK VALLEY COL-UNH	12	0	0	0	12	0	0	0	0	0	0	0
N H VOC TECH C CLAREMONT	110	0	0	0	110	0	0	0	0	0	0	0
N H VOC TECH C LACONIA	68	0	0	0	68	0	0	0	0	0	0	0
N H VOC TECH C MANCHESTER	99	0	0	0	99	0	0	0	0	0	0	0
N H VOC TECH C PORTSMOUTH	65	0	0	0	65	0	0	0	0	0	0	0
N H VOC TECH COL BERLIN	174	0	0	0	174	0	0	0	0	0	0	0
NATHANIEL HAWTHORNE COL	302	0	0	0	302	0	0	0	0	0	0	0
NEW ENGLAND COLLEGE	1,021	0	0	0	1,021	0	0	0	0	0	0	0
NEW HAMPSHIRE COLLEGE	1,086	0	0	0	1,086	0	0	0	0	0	0	0
NEW HAMPSHIRE TECH INST	4,713	0	0	0	4,713	0	0	0	0	0	0	0
NOTRE DAME COLLEGE (NH)	364	0	0	0	364	0	0	0	0	0	0	0
PLYMOUTH ST COL-UNIV N H	1,574	0	0	0	1,574	0	0	0	0	0	0	0
RIVIER COLLEGE	149	0	0	0	149	0	0	0	0	0	0	0
ST ANSELM COLLEGE	806	0	0	0	700	0	0	88	0	0	18	0
UNIV OF NEW HAMPSHIRE	15,012	3,107	2,598	332	0	355	30	964	0	5,283	2,343	0
UNIV SYS OF N HAMP SYS OF	130	0	0	0	0	0	0	25	105	0	0	0
WHITE PINES COLLEGE	47	0	0	0	47	0	0	0	0	0	0	0
NEW JERSEY, TOTAL	187,917	7,065	2,785	12,299	74,197	8,160	879	51,799	438	3,483	26,460	352
ATLANTIC COMMUNITY COL	680	0	0	0	680	0	0	0	0	0	0	0
BERGEN COMMUNITY COLLEGE	1,257	0	0	0	1,257	0	0	0	0	0	0	0
BLOOMFIELD COLLEGE	1,224	0	0	0	1,224	0	0	0	0	0	0	0
BROOKDALE COMMUNITY COL	867	0	0	0	867	0	0	0	0	0	0	0
BURLINGTON COUNTY COLLEGE	428	0	0	0	428	0	0	0	0	0	0	0
CALDWELL COLLEGE	240	0	0	0	240	0	0	0	0	0	0	0
CAMDEN COUNTY COLLEGE	1,251	0	0	0	1,251	0	0	0	0	0	0	0
CENTENARY COLLEGE	321	0	0	0	321	0	0	0	0	0	0	0
COLLEGE OF ST ELIZABETH	143	0	0	0	143	0	0	0	0	0	0	0
COUNTY COLLEGE OF MORRIS	540	0	0	0	540	0	0	0	0	0	0	0
CUMBERLAND COUNTY COLLEGE	840	0	0	0	840	0	0	0	0	0	0	0
DON BOSCO COLLEGE	20	0	0	0	20	0	0	0	0	0	0	0
DREW UNIVERSITY	812	0	0	0	812	0	0	0	0	0	0	0
ESSEX COUNTY COLLEGE	3,907	0	0	0	3,907	0	0	0	0	0	0	0
FAIRLEIGH DICKINSON UNIV	5,810	0	2,635	0	2,770	0	2	403	0	0	0	0
FELICIAN COLLEGE (NJ)	93	0	0	0	93	0	0	0	0	0	0	0
GEORGIAN COURT COLLEGE	563	0	0	0	563	0	0	0	0	0	0	0
GLASSBORO STATE COLLEGE	5,740	0	0	0	5,740	0	0	0	0	0	0	0
GLOUCESTER COUNTY COLLEGE	524	0	0	0	524	0	0	0	0	0	0	0
HUDSON CNTY CC COMM	2,297	0	0	0	2,297	0	0	0	0	0	0	0
JERSEY CITY STATE COLLEGE	2,428	0	0	0	2,428	0	0	0	0	0	0	0
KEAN COL OF NEW JERSEY	2,468	0	0	0	2,437	0	0	0	0	0	31	0
MERCER COUNTY CMTY COL	1,404	0	0	0	1,404	0	0	0	0	0	0	0
MIDDLESEX COUNTY COLLEGE	938	0	0	0	938	0	0	0	0	0	0	0
MONMOUTH COLLEGE (NJ)	958	0	0	0	958	0	0	0	0	0	0	0
MONTCLAIR STATE COLLEGE	2,659	0	0	0	2,658	0	1	0	0	0	0	0
N J INST OF TECHNOLOGY	2,266	0	0	90	1,925	14	0	0	0	0	237	0
NJ SCHL OF OSTEO MED	2,342	0	0	0	0	0	0	2,208	0	134	0	0
NORTHEASTERN BIBLE COL	76	0	0	0	76	0	0	0	0	0	0	0
OCEAN COUNTY COLLEGE	613	0	0	0	613	0	0	0	0	0	0	0
PASSAIC COUNTY CMTY COL	1,537	0	0	0	1,537	0	0	0	0	0	0	0
PRINCETON THEOL SEM	72	0	0	0	72	0	0	0	0	0	0	0
PRINCETON UNIVERSITY	51,224	0	30	8,673	3,058	4,417	77	14,302	0	3,256	17,341	70
RABBINICAL C OF AMERICA	278	0	0	0	278	0	0	0	0	0	0	0
RAMAPO COLLEGE OF N J	1,023	0	0	0	1,023	0	0	0	0	0	0	0
RIDER COLLEGE	1,324	0	0	0	1,229	0	0	73	0	0	22	0
RUTGERS THE ST UNIV OF NJ	43,597	7,065	120	2,109	13,098	368	403	11,600	438	63	8,183	250
SALEM COMMUNITY COLLEGE	654	0	0	0	654	0	0	0	0	0	0	0
SETON HALL UNIVERSITY	3,736	0	0	0	3,249	152	0	323	0	0	12	0
SOMERSET COUNTY COLLEGE	208	0	0	0	208	0	0	0	0	0	0	0
ST PETER'S COLLEGE	1,933	0	0	0	1,933	0	0	0	0	0	0	0
STEVENS INSTITUTE OF TECH	3,643	0	0	1,427	1,696	309	0	0	0	30	149	32
STOCKTON STATE COLLEGE	1,369	0	0	0	1,355	0	0	0	0	0	14	0

SEE FOOTNOTES AT END OF TABLE.

TABLE C-17. — FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES BY STATE, INSTITUTION, AND AGENCY: FISCAL YEAR 1987

CONTINUED

(DOLLARS IN THOUSANDS)

STATE & INSTITUTION	TOTAL	USDA	CDN	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
NEW JERSEY, CONT'D												
TALMUDICAL INST CTRL JERS	47	0	0	0	47	0	0	0	0	0	0	0
THOMAS A EDISON COLLEGE	11	0	0	0	11	0	0	0	0	0	0	0
TRENTON STATE COLLEGE	1,440	0	0	0	1,273	0	0	121	0	0	46	0
UNION COUNTY CULLEGE	1,503	0	0	0	1,503	0	0	0	0	0	0	0
UNIV OF MED & DENT OF N J	27,609	0	0	0	1,019	3,000	396	22,769	0	0	425	0
UPSALA COLLEGE	1,089	0	0	0	1,089	0	0	0	0	0	0	0
WILLIAM PATERSON COLLEGE	1,911	0	0	0	1,911	0	0	0	0	0	0	0
NEW MEXICO, TOTAL	109,082	5,190	80	38,644	37,097	1,856	232	14,020	336	6,772	4,855	0
COL OF THE SOUTHWEST	32	0	0	0	32	0	0	0	0	0	0	0
COLLEGE OF SANTA FE	2,162	0	0	0	2,083	0	0	66	0	0	13	0
EASTERN NEW MEXICO UNIV	5,283	0	0	0	5,283	0	0	0	0	0	0	0
N MEX INST MINING & TECH	5,652	0	0	3,560	793	472	0	0	138	67	622	0
NEW MEXICO HIGHLANDS UNIV	3,101	0	0	0	2,925	0	20	81	0	0	75	0
NEW MEXICO JUNIOR COLLEGE	370	0	0	0	370	0	0	0	0	0	0	0
NEW MEXICO MILITARY INST	177	0	0	0	177	0	0	0	0	0	0	0
NEW MEXICO STATE UNIV	45,567	5,190	0	21,416	9,588	386	210	1,486	155	5,752	1,384	0
NRTHRN N MEX CNTY COL	1,265	0	0	0	1,265	0	0	0	0	0	0	0
SAN JUAN COLLEGE	530	0	0	0	471	0	0	46	13	0	0	0
SANTA FE COMMUNITY COL	257	0	0	0	257	0	0	0	0	0	0	0
UNIV OF ALBUQUERQUE	1	0	0	0	1	0	0	0	0	0	0	0
UNIVERSITY OF NEW MEXICO	43,426	0	80	13,668	12,593	998	2	12,341	30	953	2,761	0
WESTERN NEW MEXICO UNIV	1,259	0	0	0	1,259	0	0	0	0	0	0	0
NEW YORK, TOTAL	1,297,802	21,020	2,966	59,255	457,958	44,394	6,664	547,266	1,854	14,445	131,990	9,990
ACADEMY OF AERONAUTICS	936	0	0	0	936	0	0	0	0	0	0	0
ADELPHI UNIVERSITY	2,227	0	0	0	1,857	0	0	318	0	0	52	0
ALBANY COL OF PHARMACY	315	0	0	0	273	0	0	10	0	0	32	0
ALBANY MEDICAL COLLEGE	9,111	0	0	0	300	0	108	8,626	0	0	77	0
ALFRED UNIVERSITY	1,192	0	0	0	951	0	0	0	0	25	216	0
ASSOC BETH RIVKAH SCHOOLS	387	0	0	0	387	0	0	0	0	0	0	0
BAIS FRUMA	928	0	0	0	928	0	0	0	0	0	0	0
BANK STREET COL OF ED	676	0	0	0	676	0	0	0	0	0	0	0
BARD COLLEGE	518	0	0	0	518	0	0	0	0	0	0	0
BARNARD COLLEGE	1,336	0	0	3	832	0	0	446	0	0	55	0
BELZER YESH-MACHZIKEI SEM	868	0	0	0	868	0	0	0	0	0	0	0
BERKELEY SCH-HICKSVILLE	84	0	0	0	84	0	0	0	0	0	0	0
BETH HATALMUD COL	124	0	0	0	124	0	0	0	0	0	0	0
BETH ISRAEL SCH NURSING	78	0	0	0	78	0	0	0	0	0	0	0
BETH JACOB HEBR TCHRS COL	1,143	0	0	0	1,143	0	0	0	0	0	0	0
BETH MEDRASH EMEK HALACH	47	0	0	0	47	0	0	0	0	0	0	0
BETH MEDRASH EYREN HATAL	1,231	0	0	0	1,231	0	0	0	0	0	0	0
BNOS JERUSALEM SEMINARY	817	0	0	0	817	0	0	0	0	0	0	0
BORICUA COLLEGE	3,136	0	0	0	3,136	0	0	0	0	0	0	0
BRIARCLIFFE SECRL SCH	336	0	0	0	336	0	0	0	0	0	0	0
BROOKLYN LAW SCHOOL	240	0	0	0	240	0	0	0	0	0	0	0
BRYANT & STRATTON BUS IN	1,697	0	0	0	1,697	0	0	0	0	0	0	0
BRYANT&STRATTON BUS INST	1,262	0	0	0	1,262	0	0	0	0	0	0	0
BRYANT-STRATTON BUS INST	3,229	0	0	0	3,229	0	0	0	0	0	0	0
CANISIUS COLLEGE	2,017	0	0	0	1,906	0	0	0	0	0	111	0
CATHEDRAL COL IMMAC CONCP	44	0	0	0	44	0	0	0	0	0	0	0
CAYUGA COUNTY CNTY COL	1,038	0	0	0	1,038	0	0	0	0	0	0	0
CAZENOVIA COLLEGE	524	0	0	0	524	0	0	0	0	0	0	0
CLARKSON UNIVERSITY	5,521	0	20	1,124	1,303	150	35	100	0	1,467	1,322	0
COL OF INSURANCE	57	0	0	0	57	0	0	0	0	0	0	0
COL OF MOUNT ST VINCENT	530	0	0	0	530	0	0	0	0	0	0	0
COLGATE UNIVERSITY	1,411	0	0	0	871	0	0	0	0	0	540	0
COLLEGE FOR HUMAN SERVICE	1,260	0	0	0	1,260	0	0	0	0	0	0	0
COLLEGE OF NEW ROCHELLE	15	0	0	0	0	0	0	15	0	0	0	0
COLLEGE OF ST ROSE	626	0	0	0	626	0	0	0	0	0	0	0
COLUMBIA U TEACHERS COL	3,148	0	0	0	2,435	0	0	349	0	0	364	0
COLUMBIA UNIV MAIN DIV	157,970	0	75	8,675	13,997	9,814	346	96,022	1,018	3,364	22,249	2,410
COLUMBIA UNIV SYS OFF	250	0	203	0	0	0	0	0	0	0	47	0
CONCORDIA COLLEGE (NY)	208	0	0	0	208	0	0	0	0	0	0	0
COOPER UNION	293	0	0	0	293	0	0	0	0	0	0	0
CORNELL UNIVERSITY	169,259	19,730	389	14,321	11,171	4,678	1,468	65,752	280	3,827	46,995	658
CULINARY INST OF AMERICA	945	0	0	0	945	0	0	0	0	0	0	0
CUNY BERNARD BARUCH COL	279	100	0	0	3	0	0	132	0	0	44	0
CUNY BRONX CNTY COLLEGE	748	0	0	0	64	55	0	629	0	0	0	0
CUNY BROOKLYN COLLEGE	1,586	0	0	0	0	100	0	876	0	0	610	0
CUNY CENTRAL SYS OFF	110,183	0	0	0	109,492	297	0	0	0	120	274	0
CUNY CITY COLLEGE	8,538	0	0	1,266	232	1,513	0	3,167	0	231	2,129	0
CUNY COL STATEN ISLAND	433	0	0	0	0	0	0	260	0	50	123	0
CUNY GRAD SCH & UNIV CTR	1,591	0	0	0	11	0	0	1,466	0	0	105	9
CUNY HOSTOS CNTY COLLEGE	2,076	0	0	0	2,000	0	0	76	0	0	0	0
CUNY HUNTER COLLEGE	5,917	0	0	0	0	0	0	4,779	0	376	762	0
CUNY JHN JAY COL CRIN JUS	219	0	0	0	0	0	0	120	0	0	0	99
CUNY LAGUARDIA CNTY COL	72	0	0	0	72	0	0	0	0	0	0	0
CUNY LEHMAN COLLEGE	811	0	0	0	0	0	0	450	0	0	361	0
CUNY MEDGAR EVERS COLLEGE	513	0	0	0	21	0	0	492	0	0	0	0
CUNY MT SINAI SCH OF MED	38,437	0	0	0	669	79	224	36,944	0	45	476	0
CUNY NY CITY TECH COL	623	0	0	0	533	0	0	0	0	0	90	0
CUNY QUEENS COLLEGE	1,794	0	0	92	0	175	0	975	0	0	552	0
CUNY YORK COLLEGE	504	0	0	0	0	37	0	463	0	0	4	0
D'YOUVILLE COLLEGE	930	0	0	0	908	0	0	22	0	0	0	0
DAEMEN COLLEGE	1,548	0	0	0	1,548	0	0	0	0	0	0	0

SEE FOOTNOTES AT END OF TABLE.

TABLE C-17. — FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES
BY STATE, INSTITUTION, AND AGENCY: FISCAL YEAR 1987

(DOLLARS IN THOUSANDS)

CONTINUED

STATE & INSTITUTION	TOTAL	USDA	CDN	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
NEW YORK, CONT'D												
DARKEI NO'AM RABBINICAL C	40	0	0	0	40	0	0	0	0	0	0	0
DERECH AYSON RABBIN SEM	3,140	0	0	0	3,140	0	0	0	0	0	0	0
DOMINICAN COL OF BLAUVELT	263	0	0	0	263	0	0	0	0	0	0	0
DOWLING COLLEGE	1,079	0	0	0	1,079	0	0	0	0	0	0	0
ELIZABETH SETON COLLEGE	876	0	0	0	876	0	0	0	0	0	0	0
ELMIRA COLLEGE	640	0	0	0	640	0	0	0	0	0	0	0
ERIE CNTY COL CITY CAM	2,653	0	0	0	2,653	0	0	0	0	0	0	0
ERIE CNTY COL SOUTH CAM	788	0	0	0	788	0	0	0	0	0	0	0
FIVE TOWNS COLLEGE	190	0	0	0	190	0	0	0	0	0	0	0
FORDHAM UNIVERSITY	5,358	0	0	0	3,346	0	0	1,980	0	0	12	0
FRIENDS WORLD COLLEGE	602	0	0	0	602	0	0	0	0	0	0	0
HADAR H RABBINICAL SEM	109	0	0	0	109	0	0	0	0	0	151	0
HAMILTON COLLEGE	1,037	0	0	0	644	0	0	242	0	0	0	0
HARTWICK COLLEGE	602	0	0	0	602	0	0	0	0	0	0	0
HILBERT COLLEGE	500	0	0	0	500	0	0	0	0	0	22	0
HOBART-WM SMITH COLLEGES	561	0	0	0	539	0	0	0	0	75	207	0
HOFSTRA UNIVERSITY	3,342	0	0	0	3,060	0	0	0	0	0	0	0
HOUGHTON COLLEGE	787	0	0	0	787	0	0	0	0	0	0	0
INTERBORO INSTITUTE	1,660	0	0	0	1,660	0	0	0	0	0	27	0
IONA COLLEGE	2,100	0	0	41	2,032	0	0	0	0	0	176	0
ITHACA COLLEGE	1,578	0	0	0	1,402	0	0	0	0	0	0	0
JAMESTOWN BUS COLLEGE	228	0	0	0	228	0	0	0	0	0	0	0
JEWISH THEOL SEM OF AMER	38	0	0	0	38	0	0	0	0	0	0	0
JUILLIARD SCHOOL	492	0	0	0	492	0	0	0	0	0	0	0
KATHERINE GIBBS SCHOOL	725	0	0	0	725	0	0	0	0	0	0	0
KEHILATH YAKOV RAB SEM	130	0	0	0	130	0	0	0	0	0	0	0
KEUKA COLLEGE	605	0	0	0	605	0	0	0	0	0	0	0
KING'S COLLEGE (NY)	293	0	0	0	293	0	0	0	0	0	0	0
KOL YAAKOV TORAH CENTER	57	0	0	0	57	0	0	0	0	0	0	0
LE MOYNE COLLEGE	646	0	0	0	646	0	0	0	0	0	0	0
LI SEM JEW STUD WOMEN	17	0	0	0	17	0	0	0	0	0	817	0
LONG ISLAND UNIVERSITY	9,290	0	0	0	8,265	0	0	208	0	0	22	0
MANHATTAN COLLEGE	1,250	0	0	0	1,002	27	26	144	0	29	0	0
MANHATTANVILLE COLLEGE	492	0	0	0	452	0	0	40	0	0	0	0
MANNES COL OF MUSIC	72	0	0	0	72	0	0	0	0	0	0	0
MARIA COLLEGE OF ALBANY	214	0	0	0	214	0	0	0	0	0	0	0
MARIA REGINA COLLEGE	115	0	0	0	115	0	0	0	0	0	9	0
MARIST COLLEGE	2,997	0	0	0	2,988	0	0	0	0	0	9	0
MARYMOUNT COLLEGE (NY)	762	0	0	0	762	0	0	0	0	0	0	0
MARYMOUNT MANHATTAN COL	1,331	0	0	0	1,331	0	0	0	0	0	0	0
MATER DEI COLLEGE	735	0	0	0	735	0	0	0	0	0	24	0
MEDAILLE COLLEGE	1,059	0	0	0	1,035	0	0	0	0	0	0	0
MERCY COLLEGE	5,469	0	0	0	5,469	0	0	0	0	0	0	0
MES TOR YODAATH RABIN SEM	189	0	0	0	189	0	0	0	0	0	0	0
MESIVTA ESTH PKMY RAB SEM	53	0	0	0	53	0	0	0	0	0	0	0
MESIVTHA TIFERETH JERU AM	132	0	0	0	132	0	0	0	0	0	0	0
MIRRER YESHIVA CENT INST	164	0	0	0	164	0	0	0	0	0	0	0
MOLLOY COLLEGE	432	0	0	0	432	0	0	0	0	0	0	0
MOUNT ST MARY COLLEGE	601	0	0	0	601	0	0	0	0	0	0	0
N Y COL OF PODIATRIC MED	273	0	0	0	218	0	0	55	0	0	0	0
NAZARETH COL OF ROCHESTER	958	0	0	0	958	0	0	0	0	0	0	0
NEW SCH FOR SOC RESEARCH	491	0	0	0	7	0	0	484	0	0	0	0
NEW YORK CHIROPRACTIC COL	274	0	0	0	274	0	0	0	0	0	222	0
NEW YORK INST TECHNOLOGY	5,149	0	0	112	4,078	0	0	737	0	0	60	0
NEW YORK MEDICAL COLLEGE	12,810	0	0	0	374	98	0	12,278	0	0	0	0
NEW YORK UNIVERSITY	91,528	1	0	4,934	10,100	6,442	955	54,304	0	690	7,174	4,928
NIAGARA UNIVERSITY	1,886	0	0	0	1,886	0	0	0	0	0	0	0
NYACK COLLEGE	282	0	0	0	282	0	0	0	0	0	0	0
OHR HANEIR THEOL SEM	31	0	0	0	31	0	0	0	0	0	0	0
OLEAN BUSINESS INSTITUTE	169	0	0	0	169	0	0	0	0	0	0	0
PACE UNIVERSITY	5,007	0	0	0	4,362	0	0	645	0	0	0	0
PARSONS SCHOOL OF DESIGN	12	0	0	0	12	0	0	0	0	0	0	0
PLAZA BUSINESS INSTITUTE	740	0	0	0	740	0	0	0	0	0	0	0
POLYTECHNIC INST OF N Y	8,353	0	0	3,847	2,142	254	3	232	0	48	1,687	140
PRATT INSTITUTE	2,389	0	0	0	2,351	0	0	0	0	0	0	38
RAB COL BOBOVER YESHIVA	369	0	0	0	369	0	0	0	0	0	0	0
RABB COL OF KAMENITZ YESH	1,174	0	0	0	1,174	0	0	0	0	0	0	0
RABBINICAL C BETH SHRAGA	49	0	0	0	49	0	0	0	0	0	0	0
RABBINICAL COLLEGE L I	88	0	0	0	88	0	0	0	0	0	0	0
RABBINICAL SEM MKOR CHAIM	103	0	0	0	103	0	0	0	0	0	0	0
RABBINICAL SEM OF AMERICA	88	0	0	0	88	0	0	0	0	0	0	0
RABBINICAL SEM OF MUNKACS	1,091	0	0	0	1,091	0	0	0	0	0	0	0
RABBINICL COL CHSAN SOFER	115	0	0	0	115	0	0	0	0	0	0	0
RABBINICL SEM ADAS YEREIM	153	0	0	0	153	0	0	0	0	0	0	0
RENSSELAER POLYTECH INST	14,785	165	106	4,819	0	1,053	4	1,741	0	1,395	5,390	112
RIKA BREUER TCHRS SEM	27	0	0	0	27	0	0	0	0	0	0	0
ROBERTS WESLEYAN COLLEGE	498	0	0	0	498	0	0	0	0	0	0	0
ROCHESTER INST TECHNOLOGY	39,567	0	0	2,156	37,207	1,026	390	36,066	0	53	151	0
ROCKEFELLER UNIVERSITY	38,888	100	0	100	0	0	3	257	0	31	1,175	0
RUSSELL SAGE COLLEGE	2,223	0	0	0	1,963	0	0	0	0	0	0	0
SARA SCHENIRER TCHRS SEM	84	0	0	0	84	0	0	0	0	0	0	0
SARAH LAWRENCE COLLEGE	269	0	0	0	269	0	0	0	0	0	0	0
SCHOOL OF VISUAL ARTS	1,300	0	0	0	1,300	0	0	0	0	0	0	0
SH'OR YOSHUV RABBINICAL C	70	0	0	0	70	0	0	0	0	0	0	0
SHAAREI ZION ACADEMY	838	0	0	0	838	0	0	0	0	0	144	0
SIENA COLLEGE	1,058	0	0	0	914	0	0	0	0	0	10	0
SKIDMORE COLLEGE	949	0	0	0	939	0	0	0	0	0	0	0
ST BONAVENTURE UNIVERSITY	598	0	0	0	598	0	0	0	0	0	0	0

SEE FOOTNOTES AT END OF TABLE.

TABLE C-17. — FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES BY STATE, INSTITUTION, AND AGENCY: FISCAL YEAR 1987

(DOLLARS IN THOUSANDS)

CONTINUED

STATE & INSTITUTION	TOTAL	USDA	CON	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
NEW YORK, CONT'D												
ST FRANCIS COLLEGE (NY)	1,022	0	0	0	1,022	0	0	0	0	0	0	0
ST JOHN FISHER COLLEGE	779	0	0	0	709	70	0	0	0	0	0	0
ST JOHN'S UNIVERSITY (NY)	5,353	0	0	0	5,033	0	0	320	0	0	0	0
ST JOSEPH'S COLLEGE	388	0	0	0	388	0	0	0	0	0	0	0
ST LAWRENCE UNIVERSITY	860	0	0	0	860	0	0	0	0	0	0	0
ST THOMAS AQUINAS COLLEGE	438	0	0	0	438	0	0	0	0	0	0	0
SUFFOLK CO CC EASTERN CAM	3	0	0	0	3	0	0	0	0	0	0	0
SUNY ADIRONDACK CNTY COL	625	0	0	0	625	0	0	0	0	0	0	0
SUNY AG & TECH ALFRED	433	0	0	80	353	0	0	0	0	0	0	0
SUNY AG & TECH CANTON	410	0	0	0	410	0	0	0	0	0	0	0
SUNY AG & TECH COBLESKILL	650	0	0	0	650	0	0	0	0	0	0	0
SUNY AG & TECH DELHI	328	0	0	0	328	0	0	0	0	0	0	0
SUNY AG & TECH FARMNGDALE	986	0	0	0	986	0	0	0	0	0	0	0
SUNY AG & TECH MORRISVLLE	134	0	0	0	134	0	0	0	0	0	0	0
SUNY AT ALBANY	18,583	117	0	3,512	1,768	390	2,757	6,489	0	633	2,887	30
SUNY AT BINGHAMTON	3,212	0	0	70	1,081	28	0	1,374	0	113	546	0
SUNY AT BUFFALO	36,235	0	0	1,955	2,094	994	0	22,353	0	443	8,396	0
SUNY AT STONY BROOK	42,514	0	0	1,059	1,483	3,381	0	23,282	47	958	12,304	0
SUNY BROOME CNTY COL	1,565	0	0	0	1,565	0	0	0	0	0	0	0
SUNY CLINTON CNTY COLLEGE	642	0	0	0	642	0	0	0	0	0	0	0
SUNY CNTY COL FINGER LAKE	1,530	0	0	0	1,530	0	0	712	0	0	0	0
SUNY COL AT OLD WESTBURY	1,421	0	0	140	569	0	0	104	0	0	227	0
SUNY COL OF ENV SCI & FOR	909	243	0	0	335	0	0	69	0	30	45	0
SUNY COLLEGE AT PURCHASE	752	0	0	0	608	0	0	0	0	0	12	0
SUNY COLLEGE BROCKPORT	1,382	0	0	0	1,370	0	0	302	0	0	112	0
SUNY COLLEGE BUFFALO	1,647	0	0	0	1,233	0	0	0	0	0	0	0
SUNY COLLEGE CORTLAND	388	0	0	0	388	0	0	0	0	0	111	0
SUNY COLLEGE FREDONIA	519	0	0	0	408	0	0	116	0	0	23	0
SUNY COLLEGE GENESEO	773	0	0	0	634	0	0	0	0	0	47	0
SUNY COLLEGE NEW PALTZ	1,107	0	0	0	1,060	0	0	0	0	0	11	0
SUNY COLLEGE ONEONTA	598	0	0	0	587	0	0	0	0	0	3	0
SUNY COLLEGE OSWEGO	333	0	0	0	330	0	0	0	0	0	0	0
SUNY COLLEGE PLATTSBURGH	915	0	0	0	598	72	0	245	0	0	83	0
SUNY COLLEGE POTSDAM	430	0	0	0	347	0	0	0	0	0	0	0
SUNY COLLEGE UTICA ROME	160	0	0	0	149	0	0	11	0	0	0	0
SUNY COLUMBIA GREENE COL	589	0	0	0	589	0	0	0	0	0	0	0
SUNY CORNING CNTY COLLEGE	1,864	0	0	0	1,864	0	0	0	0	0	0	0
SUNY DOWNSTATE MED CTR	8,788	0	0	0	0	0	0	8,591	0	52	145	0
SUNY DUTCHESS CNTY COL	1,165	0	0	0	1,099	0	0	66	0	0	0	0
SUNY ERIE CC NORTH CAM	1,571	0	0	0	1,571	0	0	0	0	0	0	0
SUNY FULTON MONT CNTY COL	685	0	0	0	685	0	0	0	0	0	0	0
SUNY GENESEE CNTY COLLEGE	1,544	0	0	0	1,544	0	0	0	0	0	0	0
SUNY HERKIMER CO CNTY COL	763	0	0	0	763	0	0	0	0	0	0	0
SUNY HUDSON VAL CNTY COL	1,640	0	0	0	1,640	0	0	0	0	0	0	0
SUNY JAMESTOWN CNTY COL	1,674	0	0	0	1,674	0	0	0	0	0	0	0
SUNY JEFFERSON CNTY COL	660	0	0	0	660	0	0	0	0	0	0	0
SUNY MARITIME COLLEGE	18	0	0	0	18	0	0	0	0	0	0	0
SUNY MOHAWK VAL CNTY COL	2,677	0	0	0	2,677	0	0	0	0	0	0	0
SUNY MONROE CNTY COLLEGE	3,103	0	0	0	3,103	0	0	0	0	0	22	0
SUNY NASSAU CNTY COLLEGE	2,519	0	0	0	2,497	0	0	0	0	0	0	0
SUNY NIAGARA CTY CNTY COL	1,751	0	0	0	1,751	0	0	0	0	0	0	0
SUNY NORTH CNTRY CNTY COL	1,138	0	0	0	1,138	0	0	0	0	0	0	0
SUNY ONONDAGA CNTY COL	1,838	0	0	0	1,838	0	0	0	0	0	0	0
SUNY ORANGE CNTY CNTY COL	1,004	0	0	0	1,004	0	0	0	0	0	0	0
SUNY ROCKLAND CNTY COL	4,869	0	0	0	4,869	0	0	0	0	0	0	0
SUNY SCHENECTADY CNTY CC	793	0	0	0	793	0	0	439	0	0	0	0
SUNY ST COL OF OPTOMETRY	523	0	0	0	84	0	0	0	0	0	0	0
SUNY SUFFOLK CO CNTY COL	2,890	0	0	0	2,890	0	0	0	0	0	0	0
SUNY SULLIVAN CO CNTY COL	1,061	0	0	0	1,061	0	0	296	0	0	234	0
SUNY SYSTEM OFFICE	58,356	165	2,173	0	55,340	0	0	0	148	0	0	0
SUNY TOMPKINS CORTLAND CC	1,331	0	0	0	1,331	0	0	0	0	0	0	0
SUNY ULSTER CNTY CNTY COL	987	0	0	0	987	0	0	0	0	0	271	0
SUNY UPSTATE MEDICAL CTR	11,231	0	0	0	2,615	0	0	8,345	0	0	0	0
SUNY WESTCHESTER CNTY COL	1,122	0	0	0	1,122	0	0	0	0	0	0	0
SYRACUSE UNIVERSITY	24,321	0	0	4,207	9,061	904	170	5,047	361	257	2,799	1,515
TALMUDICAL INST OHOL TORA	79	0	0	0	79	0	0	0	0	0	0	0
TALMUDICAL INST UPST N Y	34	0	0	0	34	0	0	0	0	0	0	0
TOBE-COBURN SCH FASH CAR	359	0	0	0	359	0	0	0	0	0	0	0
TOURO COLLEGE	5,998	0	0	0	5,931	0	0	67	0	0	0	0
TROCAIRE COLLEGE	587	0	0	0	587	0	0	0	0	0	293	0
UN OF NY REGENTS COL DEG	764	319	0	0	100	0	0	52	0	6	207	0
UNION COLLEGE (NY)	876	0	0	0	659	0	0	4	0	0	0	0
UNION THEOL SEMINARY (NY)	87	0	0	0	87	0	0	0	0	0	0	0
UNIVERSITY OF ROCHESTER	96,567	80	0	6,462	3,525	12,757	175	66,088	0	127	7,348	5
VASSAR COLLEGE	2,099	0	0	0	1,510	0	0	441	0	0	148	0
VILLA MARIA COL BUFFALO	331	0	0	0	331	0	0	0	0	0	0	0
WADHAMS HALL	32	0	0	0	32	0	0	0	0	0	0	0
WAGNER COLLEGE	644	0	0	0	629	0	0	15	0	0	16	44
WEEB INST OF NAVAL ARCH	62	0	0	0	0	0	0	0	0	0	0	0
WELLS COLLEGE	330	0	0	0	282	0	0	48	0	0	0	0
WESTCHESTER BUSINESS COL	498	0	0	0	498	0	0	0	0	0	0	0
WOOD SCHOOL	450	0	0	0	450	0	0	0	0	0	0	0
YESHIVA BETH HILLEL KRSNA	42	0	0	0	42	0	0	0	0	0	0	0
YESHIVA CHOFTZ CHAIM RAD	38	0	0	0	38	0	0	0	0	0	0	0
YESHIVA DERECH CHAIM	62	0	0	0	62	0	0	0	0	0	0	0
YESHIVA KARLIN STOLIN	89	0	0	0	89	0	0	0	0	0	0	0
YESHIVA OF NITRA RABBIN C	159	0	0	0	159	0	0	0	0	0	0	0
YESHIVA SHAAR HATORAH ITR	33	0	0	0	33	0	0	0	0	0	0	0

SEE FOOTNOTES AT END OF TABLE.

TABLE C-17. — FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES BY STATE, INSTITUTION, AND AGENCY: FISCAL YEAR 1987

(DOLLARS IN THOUSANDS)

CONTINUED

STATE & INSTITUTION	TOTAL	USDA	COM	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
NEW YORK, CONT'D												
YESHIVA UNIVERSITY	71,603	0	0	280	2,195	0	0	68,488	0	0	640	0
YESHIVAT HIKDASH HELECH	27	0	0	0	27	0	0	0	0	0	0	0
YESHIVATH VIZHITZ	299	0	0	0	299	0	0	0	0	0	0	0
YESHIVATH ZICHRON MOSHE	89	0	0	0	89	0	0	0	0	0	0	0
NORTH CAROLINA, TOTAL	395,400	26,188	1,610	14,348	126,347	5,720	6,103	189,138	369	3,519	18,864	3,194
ANSON TECHNICAL COLLEGE	108	0	0	0	108	0	0	0	0	0	0	0
APPALACHIAN ST UNIVERSITY	3,774	0	0	0	3,320	0	11	154	0	0	289	0
ASHVL BUNCOMBE TECH COL	294	0	0	0	284	0	0	10	0	0	0	0
ATLANTIC CHRISTIAN COL	918	0	0	0	904	0	0	14	0	0	0	0
BARBER-SCOTIA COLLEGE	1,296	0	0	0	1,296	0	0	0	0	0	0	0
BEAUFORT COUNTY CMTY COL	514	0	0	0	514	0	0	0	0	0	0	0
BELMONT ABBEY COLLEGE	3,766	0	0	0	3,766	0	0	0	0	0	0	0
BENNETT COLLEGE (NC)	2,148	0	0	0	1,805	14	0	329	0	0	0	0
BLADEN TECHNICAL INST	249	0	0	0	249	0	0	0	0	0	0	0
BLANTON'S COLLEGE	625	0	0	0	625	0	0	0	0	0	0	0
BLUE RIDGE TECHNICAL COL	160	0	0	0	160	0	0	0	0	0	0	0
BREVARD COLLEGE	265	0	0	0	265	0	0	0	0	0	0	0
BRUNSWICK TECHNICAL COLL	124	0	0	0	124	0	0	0	0	0	0	0
CAMPBELL UNIVERSITY	898	0	0	0	898	0	0	0	0	0	0	0
CAPE FEAR TECHNICAL INST	276	0	0	0	276	0	0	0	0	0	0	0
CARTERET TECH COLLEGE	183	0	0	0	183	0	0	0	0	0	0	0
CATAWBA COLLEGE	408	0	0	0	363	0	0	15	0	0	30	0
CECILS JUNIOR COLLEGE	372	0	0	0	372	0	0	0	0	0	0	0
CENTRAL CAROLINA TECH COL	300	0	0	0	300	0	0	0	0	0	0	0
CENTRAL PIEDMONT CMTY COL	2,485	0	0	0	2,485	0	0	0	0	0	0	0
CHOWAN COLLEGE	872	0	0	0	872	0	0	0	0	0	0	0
CLEVELAND TECHNICAL COL	125	0	0	0	125	0	0	0	0	0	0	0
COASTAL CAROLINA CMTY COL	297	0	0	0	297	0	0	0	0	0	0	0
COLLEGE OF THE ALBEMARLE	418	0	0	0	418	0	0	0	0	0	0	0
CRAVEN COMMUNITY COLLEGE	311	0	0	0	311	0	0	0	0	0	0	0
DAVIDSON COLLEGE	551	0	0	0	355	0	0	158	0	0	38	0
DAVIDSON COUNTY CMTY COL	99	0	0	0	99	0	0	0	0	0	0	0
DUKE UNIVERSITY	98,594	100	116	3,479	3,806	2,947	1,513	78,772	0	765	7,096	0
DURHAM TECHNICAL INST	142	0	0	0	142	0	0	0	0	0	0	0
EAST CAROLINA UNIVERSITY	7,192	0	0	220	4,073	0	213	2,509	0	63	114	0
EAST COAST BIBLE COLLEGE	133	0	0	0	133	0	0	0	0	0	0	0
EDGECOMBE TECHNICAL COLL	329	0	0	0	329	0	0	0	0	0	0	0
ELIZABETH CITY STATE UNIV	3,010	0	0	0	3,010	0	0	0	0	0	0	0
ELON COLLEGE	787	0	0	0	787	0	0	0	0	0	0	0
FAYETTEVILLE STATE UNIV	4,054	0	0	0	3,722	0	0	332	0	0	0	0
FAYETTEVILLE TECH INST	707	0	0	0	707	0	0	0	0	0	0	0
FORSYTH TECHNICAL INST	273	0	0	0	273	0	0	0	0	0	0	0
GARDNER-WEBB COLLEGE	826	0	0	0	826	0	0	0	0	0	0	0
GASTON COLLEGE	345	0	0	0	345	0	0	0	0	0	0	0
GREENSBORO COLLEGE	395	0	0	0	395	0	0	0	0	0	0	0
GUILFORD COLLEGE	577	0	0	0	577	0	0	0	0	0	0	0
GUILFORD TECHNICAL INST	449	0	0	0	449	0	0	0	0	0	0	0
HALIFAX CMTY COLLEGE	596	0	0	0	596	0	0	0	0	0	0	0
HARDBARGER J COL OF BUS	525	0	0	0	525	0	0	0	0	0	0	0
HAYWOOD TECHNICAL INST	166	0	0	0	166	0	0	0	0	0	0	0
ISOTHERMAL COMMUNITY COL	362	0	0	0	362	0	0	0	0	0	0	0
JAMES SPRUNT TECHNICAL C	584	0	0	0	584	0	0	0	0	0	0	0
JOHN WESLEY COL (NC)	39	0	0	0	39	0	0	0	0	0	0	0
JOHNSON C SMITH UNIV	2,856	0	0	0	2,457	0	0	381	0	0	18	0
JOHNSTON TECHNICAL COL	232	0	0	0	232	0	0	0	0	0	0	0
LEES-MCRAE COLLEGE	379	0	0	0	379	0	0	0	0	0	0	0
LENOIR COMMUNITY COLLEGE	591	0	0	0	591	0	0	0	0	0	0	0
LENOIR-RHYNE COLLEGE	833	0	0	0	833	0	0	0	0	0	0	0
LIVINGSTONE COLLEGE	1,496	0	0	0	1,496	0	0	0	0	0	0	0
LOUISBURG COLLEGE	402	0	0	0	402	0	0	0	0	0	0	0
MARS HILL COLLEGE	963	0	0	0	910	0	0	53	0	0	0	0
MARTIN COMMUNITY COLLEGE	182	0	0	0	182	0	0	0	0	0	0	0
MCDOWELL TECHNICAL INST	220	0	0	0	220	0	0	0	0	0	0	0
MEREDITH COLLEGE	363	0	0	0	363	0	0	0	0	0	0	0
METHODIST COLLEGE	943	0	0	0	933	0	0	0	0	0	10	0
MITCHELL COMMUNITY COL	18	0	0	0	18	0	0	0	0	0	0	0
MONTGOMERY TECH INST	119	0	0	0	119	0	0	0	0	0	0	0
MONTREAT-ANDERSON COLLEGE	228	0	0	0	228	0	0	0	0	0	0	0
MOUNT OLIVE COLLEGE	375	0	0	0	375	0	0	0	0	0	0	0
N C STATE UNIV AT RALEIGH	48,129	21,168	1,385	6,558	4,898	1,318	1,013	3,402	369	1,631	4,360	2,027
NASH TECHNICAL INSTITUTE	467	0	0	0	467	0	0	0	0	0	0	0
NC AG & TECH STATE UNIV	18,757	4,587	0	212	12,160	194	0	658	0	316	276	354
NORTH CARO WESLEYAN COL	457	0	0	0	457	0	0	0	0	0	0	0
NORTH CAROLINA CNTRL UNIV	6,176	29	0	62	5,320	63	27	675	0	0	0	0
PEACE COLLEGE	118	0	0	0	118	0	0	0	0	0	0	0
PEMBROKE STATE UNIVERSITY	1,627	0	0	0	1,320	0	0	307	0	0	0	0
PFEIFFER COLLEGE	954	0	0	0	954	0	0	0	0	0	0	0
PIEDMONT BIBLE COL	123	0	0	0	123	0	0	0	0	0	0	0
PIEDMONT TECHNICAL COL	605	0	0	0	605	0	0	0	0	0	0	0
PITT COMMUNITY COLLEGE	803	0	0	0	803	0	0	0	0	0	0	0
QUEENS COLLEGE	208	0	0	0	208	0	0	0	0	0	0	0
RICHMOND TECHNICAL COL	351	0	0	0	351	0	0	0	0	0	0	0
ROANOKE BIBLE COLLEGE	45	0	0	0	45	0	0	0	0	0	0	0
ROANOKE-CHOWAN TECH INST	456	0	0	0	456	0	0	0	0	0	0	0
ROBESON TECHNICAL COLLEGE	255	0	0	0	255	0	0	0	0	0	0	0
ROCKINGHAM COMMUNITY COL	209	0	0	0	209	0	0	0	0	0	0	0

SEE FOOTNOTES AT END OF TABLE.

TABLE C-17. — FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES BY STATE, INSTITUTION, AND AGENCY: FISCAL YEAR 1987

CONTINUED

(DOLLARS IN THOUSANDS)

STATE & INSTITUTION	TOTAL	USDA	CDM	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
NORTH CAROLINA, CONT'D												
ROMAN TECHNICAL COLLEGE	129	0	0	0	129	0	0	0	0	0	0	0
RUTLEDGE C OF GREENSBORO	402	0	0	0	402	0	0	0	0	0	0	0
RUTLEDGE C(WINSTON-SALEM)	139	0	0	0	139	0	0	0	0	0	0	0
RUTLEDGE COL OF DURHAM	297	0	0	0	297	0	0	0	0	0	0	0
RUTLEDGE COLL(CHARLOTTE)	2,637	0	0	0	2,637	0	0	0	0	0	0	0
RUTLEDGE COLLEGE	736	0	0	0	736	0	0	0	0	0	0	0
RUTLEDGE COLLEGE-RALEIGH	766	0	0	0	766	0	0	0	0	0	0	0
SACRED HEART COLLEGE	101	0	0	0	101	0	0	0	0	0	0	0
SALEM COLLEGE	120	0	0	0	120	0	0	0	0	0	0	0
SAMPSON TECH INST	296	0	0	0	296	0	0	0	0	0	0	0
SANDHILLS COMMUNITY COL	455	0	0	0	455	0	0	0	0	0	0	0
SHAW UNIVERSITY	3,191	0	0	0	3,021	0	6	164	0	0	0	0
SOUTHEASTRN CNTY COL (NC)	688	0	0	0	688	0	0	0	0	0	0	0
SOUTHWESTERN TECH COLLEGE	323	0	0	0	313	0	0	10	0	0	0	0
ST ANDREWS PRESBY COL	513	0	0	0	513	0	0	0	0	0	0	0
ST AUGUSTINES COLLEGE	4,802	0	0	80	4,682	0	0	40	0	0	0	0
ST MARY'S COLLEGE	32	0	0	0	32	0	0	0	0	0	0	0
STANLY TECHNICAL COLLEGE	139	0	0	0	139	0	0	0	0	0	0	0
SURRY COMMUNITY COLLEGE	413	0	0	0	413	0	0	0	0	0	0	0
TECHNICAL COL OF ALAMANCE	256	0	0	0	256	0	0	0	0	0	0	0
UNIV OF N C AT ASHEVILLE	1,124	0	0	0	1,083	0	0	0	0	0	41	0
UNIV OF N C AT CHARLOTTE	3,719	4	0	0	3,270	80	0	25	0	55	285	0
UNIV OF N C AT GREENSBORO	2,572	0	0	0	2,202	0	0	268	0	0	102	0
UNIV OF N C AT WILMINGTON	100	0	0	0	0	0	0	0	0	0	100	0
UNIV OF N C SYS OFF	12,475	0	29	0	11,926	0	473	0	0	0	0	47
UNIV OF NC AT CHAPEL HILL	92,141	300	0	3,597	0	942	2,839	77,464	0	473	5,760	766
VANCE-GRANVILLE CNTY COLL	413	0	0	0	413	0	0	0	0	0	0	0
WAKE FOREST UNIVERSITY	24,775	0	0	140	1,311	133	0	22,802	0	216	173	0
WAKE TECHNICAL COLLEGE	131	0	0	0	131	0	0	0	0	0	0	0
WARREN WILSON COLLEGE	456	0	0	0	456	0	0	0	0	0	0	0
WAYNE COMMUNITY COLLEGE	750	0	0	0	750	0	0	0	0	0	0	0
WESTERN CAROLINA UNIV	2,902	0	80	0	2,569	0	0	81	0	0	172	0
WESTERN PIEDMONT CNTY COL	256	0	0	0	256	0	0	0	0	0	0	0
WILKES COMMUNITY COLLEGE	280	0	0	0	280	0	0	0	0	0	0	0
WILSON COUNTY TECH INST	411	0	0	0	411	0	0	0	0	0	0	0
WINGATE COLLEGE	572	0	0	0	572	0	0	0	0	0	0	0
WINSTON-SALEM STATE UNIV	4,027	0	0	0	3,475	29	8	515	0	0	0	0
NORTH DAKOTA, TOTAL	44,556	6,666	85	400	29,021	135	68	3,830	2,686	61	561	1,043
BISMARCK JUNIOR COLLEGE	1,392	0	0	0	1,392	0	0	0	0	0	0	0
DICKINSON STATE COLLEGE	1,295	0	0	0	1,295	0	0	0	0	0	0	0
FORT BETHOLD CNTY COLLEGE	289	0	0	0	0	0	0	0	289	0	0	0
JAMESTOWN COLLEGE	927	0	0	0	862	0	0	17	0	0	48	0
LAKE REGION CNTY COL	448	0	0	0	448	0	0	0	0	0	0	0
LITTLE HOOP COM COL	551	0	0	0	317	0	0	0	234	0	0	0
MARY COLLEGE	1,431	0	0	0	1,342	0	0	89	0	0	0	0
MAYVILLE STATE COLLEGE	727	0	0	0	727	0	0	0	0	0	0	0
MINOT STATE COLLEGE	2,481	0	0	0	2,417	0	0	64	0	0	0	0
N DAK STATE SCHOOL SCI	2,634	0	0	0	2,624	0	0	10	0	0	0	0
NORTH DAKOTA STATE UNIV	14,554	6,547	85	400	6,346	0	0	513	265	0	305	93
NORTHWEST BIBLE COL	69	0	0	0	69	0	0	0	0	0	0	0
STANDING ROCK COLLEGE	1,305	0	0	0	757	0	0	0	548	0	0	0
TRINITY BIBLE INSTITUTE	730	0	0	0	730	0	0	0	0	0	0	0
TURTLE MOUNTAIN COMM COL	1,337	0	0	0	725	0	0	0	612	0	0	0
UNIVERSITY OF N DAKOTA	13,619	119	0	0	8,203	135	68	3,137	738	61	208	950
VALLEY CITY STATE COLLEGE	767	0	0	0	767	0	0	0	0	0	0	0
OHIO, TOTAL	409,132	17,943	1,136	37,986	174,505	4,386	6,386	124,490	583	13,861	19,299	8,557
A.T.E.S. TECHNICAL SCHOOL	417	0	0	0	417	0	0	0	0	0	0	0
ANTIOCH UNIVERSITY	2,840	0	0	0	2,840	0	0	0	0	0	0	0
ART ACADEMY OF CINCINNATI	131	0	0	0	131	0	0	0	0	0	0	0
ASHLAND COLLEGE	1,991	0	0	0	1,991	0	0	0	0	0	0	0
BALDWIN-WALLACE COLLEGE	2,000	0	0	0	2,000	0	0	0	6	0	0	0
BELMONT TECHNICAL COLLEGE	488	0	0	0	482	0	0	0	0	0	0	0
BLISS COLLEGE	1,014	0	0	0	1,014	0	0	0	0	0	0	0
BLUFFTON COLLEGE	433	0	0	0	433	0	0	0	0	0	0	0
BOWLING GREEN STATE UNIV	7,088	1	14	60	6,115	0	15	482	0	0	401	0
BRYANT & STRATTON BUS IN	431	0	0	0	431	0	0	0	0	0	0	0
CAPITAL UNIVERSITY	996	0	0	0	996	0	0	0	0	0	0	0
CASE WESTERN RESERVE UNIV	65,418	106	0	3,677	2,967	396	148	49,011	0	5,202	3,911	0
CEDARVILLE COLLEGE	563	0	0	0	563	0	0	0	0	0	0	0
CENTRAL OHIO TECH COL	501	0	0	0	501	0	0	0	0	0	0	0
CENTRAL STATE UNIVERSITY	4,063	0	0	80	3,763	0	0	220	0	0	0	0
CHATFIELD COLLEGE	43	0	0	0	43	0	0	0	0	0	0	0
CINCINNATI BIBLE SEMINARY	214	0	0	0	214	0	0	0	0	0	0	0
CINCINNATI C OF MORT SCI	50	0	0	0	50	0	0	0	0	0	0	0
CIRCLEVILLE BIBLE COLLEGE	172	0	0	0	172	0	0	0	0	0	0	0
CLARK TECHNICAL COLLEGE	1,153	0	0	0	1,153	0	0	0	0	0	0	0
CLEVELAND STATE UNIV	7,064	0	100	0	4,724	0	0	386	0	1,854	0	0
COL MT ST JOSEPH-ON-OHIO	449	0	0	0	399	0	0	50	0	0	0	0
COL OF STEUBENVILLE	548	0	0	0	548	0	0	0	0	0	0	0
COLLEGE OF WOOSTER	775	0	0	0	714	0	0	29	0	0	32	0
COLUMBUS COL ART & DESIGN	713	0	0	0	713	0	0	0	0	0	0	0
COLUMBUS TECHNICAL INST	1,745	0	0	0	1,701	0	0	44	0	0	0	0
CUYAHOGA CNTY COL DIST	6,691	0	0	0	6,681	0	0	0	0	10	0	0
CUYAHOGA COM COL-METRO CA	82	0	0	0	0	0	0	82	0	0	0	0

SEE FOOTNOTES AT END OF TABLE.

TABLE C-17. — FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES BY STATE, INSTITUTION, AND AGENCY: FISCAL YEAR 1987

CONTINUED

(DOLLARS IN THOUSANDS)

STATE & INSTITUTION	TOTAL	USDA	COM	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
OHIO, CONT'D												
DAVIS JUNIOR COLLEGE	426	0	0	0	426	0	0	0	0	0	0	0
DEFIANCE COLLEGE	545	0	0	0	545	0	0	0	0	0	0	0
DENISON UNIVERSITY	632	0	0	0	496	37	0	0	0	0	99	0
DYKE COLLEGE	1,578	0	0	0	1,578	0	0	0	0	0	0	0
EASTERN CAMPUS	35	0	0	0	0	0	0	35	0	0	0	0
ELECTRONIC TECH INST-OHIO	761	0	0	0	761	0	0	0	0	0	0	0
FINDLAY COLLEGE	1,423	0	0	0	1,423	0	0	0	0	0	0	0
FRANKLIN UNIVERSITY	659	0	0	0	659	0	0	0	0	0	0	0
GOD'S BIBLE SCHOOL & COL	107	0	0	0	107	0	0	0	0	0	0	0
HEBREW UNION COL-INST REL	13	0	0	0	13	0	0	0	0	0	0	0
HEIDELBERG COLLEGE	627	0	0	0	627	0	0	0	0	0	22	0
HIRAM COLLEGE	911	0	0	0	889	0	0	0	0	0	0	0
INTL BROADCASTING SCHOOL	144	0	0	0	144	0	0	0	0	0	0	0
ITT TECH INSTITUTE-OHIO	167	0	0	0	167	0	0	0	0	0	0	0
JEFFERSON TECHNICAL COL	412	0	0	0	412	0	0	0	0	0	0	0
JOHN CARROLL UNIVERSITY	798	0	0	0	710	0	0	0	0	45	43	0
KENT STATE UNIVERSITY	11,753	0	0	330	9,853	122	0	555	0	15	878	0
KENYON COLLEGE	425	0	0	0	250	0	0	67	0	35	73	0
LAKE ERIE COLLEGE	177	0	0	0	177	0	0	0	0	0	0	0
LAKELAND COMMUNITY COL	852	0	0	0	852	0	0	0	0	0	0	0
LIMA TECHNICAL COLLEGE	854	0	0	0	854	0	0	0	0	0	0	0
LORAIN COUNTY CMTY COL	1,566	0	0	0	1,566	0	0	0	0	0	0	0
LOURDES COLLEGE	481	0	0	0	481	0	0	0	0	0	0	0
MALONE COLLEGE	600	0	0	0	600	0	0	0	0	0	22	0
MARIETTA COLLEGE	899	0	0	0	877	0	0	0	0	0	0	0
MARION TECHNICAL COLLEGE	522	0	0	0	522	0	0	0	0	0	0	0
MED COL OF OHIO AT TOLEDO	5,650	0	0	80	148	0	119	5,303	0	0	0	0
METHODIST THEOL SCH OHIO	39	0	0	0	39	0	0	0	0	0	0	0
MIAMI UNIVERSITY (OHIO)	4,874	0	0	0	3,475	12	52	547	0	274	514	0
MIAMI-JACOBS JR COL BUS	775	0	0	0	775	0	0	0	0	0	0	0
MICHAEL J OWENS TECH COL	1,834	0	0	0	1,834	0	0	0	0	0	0	0
MOUNT UNION COLLEGE	702	0	0	0	702	0	0	0	0	0	0	0
MT VERNON NAZARENE COL	1,097	0	0	0	1,097	0	0	0	0	0	0	0
MUSKINGUM COLLEGE	684	0	0	0	684	0	0	0	0	0	0	0
NE OHIO UNIVS MED SCHOOL	1,051	0	0	30	64	0	170	787	0	0	0	0
NORTH CENTRAL TECH COL	484	0	0	0	484	0	0	0	0	0	0	0
NORTHWEST TECH COLLEGE	277	0	0	0	277	0	0	0	0	0	0	0
NOTRE DAME COLLEGE (OH)	369	0	0	0	197	0	0	0	172	0	0	0
OBERLIN COLLEGE	1,936	0	0	0	1,743	0	0	0	0	0	193	0
OHIO C OF BUS AND TECH	1,504	0	0	0	1,504	0	0	0	0	0	0	0
OHIO COL OF PODIATRIC MED	21	0	0	0	0	0	0	21	0	0	0	0
OHIO DOMINICAN COLLEGE	689	0	0	0	689	0	0	0	0	0	0	0
OHIO INST OF TECHNOLOGY	3,733	0	0	0	3,733	0	0	0	0	0	0	0
OHIO NORTHERN UNIVERSITY	869	0	0	0	857	0	0	12	0	0	0	0
OHIO STATE UNIVERSITY	95,453	17,209	691	10,440	13,818	2,917	515	28,723	303	2,960	9,510	8,367
OHIO UNIVERSITY	14,769	0	35	106	12,292	367	0	1,162	0	338	409	60
OHIO WESLEYAN UNIVERSITY	1,101	0	0	0	1,064	0	0	37	0	0	0	0
OTTERBEIN COLLEGE	697	0	0	0	687	0	0	0	0	0	10	0
PENN-OHIO JUNIOR COLLEGE	233	0	0	0	233	0	0	0	0	0	0	0
PONTIFICAL COL JOSEPHINUM	78	0	0	0	78	0	0	0	0	0	0	0
RABBINICAL COL OF TELSHE	245	0	0	0	245	0	0	0	0	0	0	0
RIO GRANDE COLLEGE	885	0	0	0	885	0	0	0	0	0	0	0
SHAWNEE STATE CMTY COLL	2,515	0	0	0	2,515	0	0	0	0	0	0	0
SOUTHERN OHIO COLLEGE	8,903	0	0	0	8,903	0	0	0	0	0	0	0
STARK TECHNICAL INSTITUTE	946	0	0	0	946	0	0	0	0	0	0	0
STHRN ST GEN TECH COLLEGE	775	0	0	0	775	0	0	0	0	0	0	0
TIFFIN UNIVERSITY	264	0	0	0	264	0	0	0	0	0	0	0
TRINITY LUTHERAN SEMINARY	119	0	0	0	119	0	0	0	0	0	0	0
UNION OF EXPER COL & UNIV	24	0	0	0	0	0	0	24	0	0	0	0
UNITED THEOL SEM (OH)	114	0	0	0	114	0	0	0	0	0	0	0
UNIVERSITY OF AKRON	10,058	156	0	246	7,800	200	164	155	0	808	529	0
UNIVERSITY OF CINCINNATI	53,938	400	237	2,062	9,181	295	4,641	34,226	0	794	2,102	0
UNIVERSITY OF DAYTON	23,114	68	59	19,780	2,522	0	156	70	0	250	79	130
UNIVERSITY OF TOLEDO	8,514	0	0	30	6,918	40	0	528	0	661	337	0
URBANA COLLEGE	1,454	0	0	0	1,454	0	0	0	0	0	0	0
URSULINE COLLEGE	324	0	0	0	324	0	0	0	0	0	0	0
VIRGINIA MARTI FASH INST	298	0	0	0	298	0	0	0	0	0	0	0
WALSH COLLEGE	410	0	0	0	410	0	0	0	0	0	0	0
WEST SIDE INST OF TECH	207	0	0	0	207	0	0	0	0	0	0	0
WILBERFORCE UNIVERSITY	3,910	0	0	0	3,880	0	30	0	0	0	0	0
WILMINGTON COLLEGE	2,150	0	0	0	2,150	0	0	0	0	0	0	0
WITTENBERG UNIVERSITY	965	0	0	0	948	0	0	0	0	17	0	0
WRIGHT STATE UNIVERSITY	8,377	3	0	1,065	4,524	0	376	1,664	102	598	45	0
XAVIER UNIVERSITY	1,262	0	0	0	1,175	0	0	77	0	0	10	0
YOUNGSTOWN C BUS & DRAFTG	82	0	0	0	82	0	0	0	0	0	0	0
YOUNGSTOWN ST UNIVERSITY	5,320	0	0	0	5,047	0	0	193	0	0	80	0
OKLAHOMA, TOTAL	117,243	11,726	1,826	4,876	71,447	4,563	1,216	13,469	292	3,009	4,608	211
BACONE COLLEGE	1,243	0	0	0	1,135	0	0	108	0	0	0	0
BARTLESVILLE WESLEYAN COL	465	0	0	0	465	0	0	0	0	0	0	0
BETHANY NAZARENE COLLEGE	657	0	0	0	657	0	0	0	0	0	0	0
CAMERON UNIVERSITY	2,123	0	0	0	2,113	0	0	10	0	0	0	0
CARL ALBERT JUNIOR COL	1,201	0	0	0	1,191	0	0	10	0	0	0	0
CENTRAL STATE UNIV (OK)	2,374	0	80	40	2,234	0	0	20	0	0	0	0
CONNORS STATE COLLEGE	1,112	0	0	0	1,092	0	0	20	0	0	0	0
EAST CENTRAL OKLA ST UNIV	3,065	0	0	0	2,644	0	337	84	0	0	0	0
EASTERN OKLA STATE COL	945	0	25	0	920	0	0	0	0	0	0	0

SEE FOOTNOTES AT END OF TABLE.

TABLE C-17. — FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES
BY STATE, INSTITUTION, AND AGENCY: FISCAL YEAR 1987

CONTINUED

(DOLLARS IN THOUSANDS)

STATE & INSTITUTION	TOTAL	USDA	CON	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
OKLAHOMA, CONT'D												
EL RENO JUNIOR COLLEGE	486	0	0	0	486	0	0	0	0	0	0	0
FLAMING RAINBOW UNIV	566	0	0	0	566	0	0	0	0	0	0	0
HILLSDALE F-W-BAPTIST COL	136	0	0	0	136	0	0	0	0	0	0	0
LANGSTON UNIVERSITY	4,592	2,206	0	0	2,324	0	0	13	49	0	0	0
MURRAY STATE COLLEGE	1,129	0	0	0	1,129	0	0	0	0	0	0	0
NORTHEASTERN OKLA A&M COL	1,563	0	0	0	1,543	0	0	20	0	0	0	0
NORTHEASTERN OKLA ST UNIV	4,636	0	0	0	4,527	0	0	109	0	0	0	0
NORTHERN OKLAHOMA COLLEGE	471	0	0	0	461	0	0	10	0	0	0	0
NORTHWESTERN OKLA ST UNIV	748	0	0	0	748	0	0	0	0	0	0	0
OKLA COL OSTEO MED & SURG	1,144	0	0	0	130	0	0	1,014	0	0	0	0
OKLA PANHANDLE STATE UNIV	555	0	0	0	555	0	0	0	0	0	0	0
OKLA SCH BUS ACCT LAW FIN	1,747	0	0	0	1,747	0	0	0	0	0	0	0
OKLAHOMA BAPTIST UNIV	889	0	0	0	836	0	0	53	0	0	0	0
OKLAHOMA CHRISTIAN COL	1,121	0	0	0	1,108	0	0	13	0	0	0	0
OKLAHOMA CITY UNIVERSITY	670	0	0	0	643	0	0	27	0	0	0	0
OKLAHOMA STATE UNIVERSITY	33,188	9,520	250	3,770	13,547	383	286	631	105	2,541	1,977	158
ORAL ROBERTS UNIVERSITY	4,492	0	0	0	3,969	0	0	523	0	0	0	0
OSCAR ROSE JUNIOR COLLEGE	1,666	0	0	0	1,616	0	50	0	0	0	0	0
PHILLIPS UNIVERSITY	492	0	0	0	492	0	0	0	0	0	0	0
ROGER STATE COLLEGE	2,063	0	0	0	2,043	0	0	20	0	0	0	0
SAYRE JUNIOR COLLEGE	293	0	0	0	293	0	0	0	0	0	0	0
SEMINOLE JUNIOR COL (OK)	695	0	0	0	675	0	0	20	0	0	0	0
SOUTH OKLA CTY JR COLLEGE	1,004	0	0	0	994	0	0	10	0	0	0	0
SOUTHEASTERN OKLA ST UNIV	2,992	0	0	0	2,531	0	0	198	0	263	0	0
SOUTHWESTERN OKLA ST UNIV	2,036	0	0	0	1,965	0	0	71	0	0	0	0
SPARTAN SCH AERONAUTICS	351	0	0	0	351	0	0	0	0	0	0	0
ST GREGORYS COLLEGE	159	0	0	0	159	0	0	0	0	0	0	0
SW COL OF CHRISTIAN MINIS	146	0	0	0	146	0	0	0	0	0	0	0
TULSA JUNIOR COLLEGE	1,576	0	0	0	1,367	0	0	209	0	0	0	0
UNIV SCI & ARTS OF OKLA	1,096	0	0	0	1,096	0	0	0	0	0	0	0
UNIVERSITY OF OKLAHOMA	28,712	0	1,471	986	9,026	4,047	543	10,161	138	185	2,102	53
UNIVERSITY OF TULSA	2,200	0	0	80	1,343	133	0	115	0	0	529	0
WESTRN OKLAHOMA STATE COL	444	0	0	0	444	0	0	0	0	0	0	0
OREGON, TOTAL	195,602	13,230	3,373	9,865	81,516	25,754	2,592	37,844	1,594	1,565	16,191	2,078
BLUE MOUNTAIN CNTY COL	609	0	0	0	609	0	0	0	0	0	0	0
CENTRAL OREGON CNTY COL	706	0	0	0	706	0	0	0	0	0	0	0
CHEMEKETA COMMUNITY COL	2,714	0	0	0	2,714	0	0	0	0	0	0	0
CLACKAMAS COMMUNITY COL	1,647	0	0	0	1,647	0	0	0	0	0	0	0
CLATSOP COMMUNITY COLLEGE	476	0	0	0	476	0	0	0	0	0	0	0
COLUMBIA CHRISTIAN COL	212	0	0	0	212	0	0	0	0	0	9	0
CONCORDIA COLLEGE (ORE)	322	0	0	0	313	0	0	0	0	0	0	0
EASTERN OREGON ST COLLEGE	5,770	4	100	0	5,599	14	42	11	0	0	0	0
EUGENE BIBLE COLLEGE	154	0	0	0	154	0	0	0	0	0	0	0
GEORGE FOX COLLEGE	812	0	0	0	812	0	0	0	0	0	0	0
ITT TECHNICAL INST	309	0	0	0	309	0	0	0	0	0	0	0
LANE COMMUNITY COLLEGE	3,310	0	0	0	3,310	0	0	0	0	0	0	0
LEWIS & CLARK COLLEGE	1,540	0	0	0	1,464	0	53	0	0	0	23	0
LINFIELD COLLEGE	1,555	0	0	0	1,529	0	0	0	0	0	26	0
LINN BENTON COMMUNITY COL	1,979	0	0	0	1,979	0	0	0	0	0	0	0
MARYLHURST EDUCATION CTR	387	0	0	0	387	0	0	0	0	0	0	0
MT ANGEL SEMINARY	21	0	0	0	21	0	0	0	0	0	0	0
MT HOOD COMMUNITY COLLEGE	2,122	0	0	0	2,122	0	0	0	0	0	0	0
MULTNOMAH SCHOOL OF BIBLE	328	0	0	0	328	0	0	0	0	0	0	0
NORTHWEST CHRISTIAN COL	237	0	0	0	237	0	0	0	0	0	0	0
OREG ST HIGHER ED SYS OFF	33	0	0	0	0	0	0	0	0	0	33	0
OREGON GRADUATE CENTER	5,689	0	0	1,637	0	1,644	150	531	0	324	893	510
OREGON HLTH SCIENCES UNIV	22,895	0	0	80	918	0	0	21,760	0	95	2	0
OREGON INSTITUTE OF TECH	2,561	0	0	0	2,550	0	0	11	0	0	0	0
OREGON POLYTECHNIC INST	428	0	0	0	428	0	0	0	0	0	0	0
OREGON STATE UNIVERSITY	53,775	13,003	3,217	6,119	7,548	624	2,115	7,839	1,573	664	9,552	1,521
PACIFIC NW COLLEGE OF ART	358	0	0	0	358	0	0	0	0	0	0	0
PACIFIC UNIVERSITY	1,374	0	0	0	1,228	0	0	146	0	0	0	0
PORTLAND COMMUNITY COL	4,773	0	0	0	4,773	0	0	0	0	0	0	0
PORTLAND STATE UNIVERSITY	9,716	166	0	90	8,422	0	187	165	0	144	537	45
REED COLLEGE	1,310	0	0	0	848	0	0	369	0	0	93	0
ROGUE COMMUNITY COLLEGE	1,729	0	0	0	1,729	0	0	0	0	0	0	0
SOUTHERN OREGON ST COL	3,568	0	0	0	3,491	0	0	49	0	0	28	0
SOUTHWESTERN OREG CNTY COL	827	0	0	0	825	0	0	0	0	0	0	2
TREASURE VALLEY CNTY COL	436	0	0	0	436	0	0	0	0	0	0	0
UMPQUA COMMUNITY COLLEGE	983	0	0	0	983	0	0	0	0	0	0	0
UNIVERSITY OF OREGON MAIN	52,123	57	56	1,979	14,459	23,472	0	6,930	21	338	4,811	0
UNIVERSITY OF PORTLAND	1,432	0	0	0	1,170	0	45	33	0	0	184	0
WARNER PACIFIC COLLEGE	514	0	0	0	514	0	0	0	0	0	0	0
WESTERN BAPTIST COLLEGE	227	0	0	0	227	0	0	0	0	0	0	0
WESTERN OREGON STATE COLL	3,865	0	0	0	3,865	0	0	0	0	0	0	0
WILLAMETTE UNIVERSITY	1,462	0	0	0	1,462	0	0	0	0	0	0	0
WSTRN STATES CHIOPRCTC C	354	0	0	0	354	0	0	0	0	0	0	0
PENNSYLVANIA, TOTAL	643,985	20,226	1,562	100,940	185,555	15,838	2,098	245,654	4,555	6,854	59,140	1,563
ALBRIGHT COLLEGE	408	0	0	0	400	0	0	0	0	0	8	0
ALLEGHENY COLLEGE	841	0	0	0	841	0	0	0	0	0	0	0
ALLENTOWN C ST FR DESALES	373	0	0	0	373	0	0	0	0	0	0	0
ALLIANCE COLLEGE	85	0	0	0	85	0	0	0	0	0	0	0
ALVERNIA COLLEGE	248	0	0	0	248	0	0	0	0	0	0	0
AMERICAN INST DRAFTING	145	0	0	0	145	0	0	0	0	0	0	0

SEE FOOTNOTES AT END OF TABLE.

TABLE C-17. — FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES
BY STATE, INSTITUTION, AND AGENCY: FISCAL YEAR 1987

CONTINUED

(DOLLARS IN THOUSANDS)

STATE & INSTITUTION	TOTAL	USDA	CON	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
PENNSYLVANIA, CONT'D												
ART INST PHILADELPHIA	921	0	0	0	921	0	0	0	0	0	0	0
ART INST PITTSBURGH	1,907	0	0	0	1,907	0	0	0	0	0	0	0
BAPTIST BIBLE COL OF PA	327	0	0	0	327	0	0	0	0	0	0	0
BEAVER COLLEGE	312	0	0	0	281	0	0	0	0	0	31	0
BLOOMSBURG UNIV OF PENN	4,445	0	0	0	4,430	0	0	15	0	0	0	0
BRYN MAWR COLLEGE	1,180	0	0	0	546	0	0	501	0	0	133	0
BUCKNELL UNIVERSITY	1,184	0	0	0	807	0	0	104	0	0	273	0
BUCKS COUNTY CMTY COL	1,375	0	0	0	1,375	0	0	0	0	0	0	0
BUTLER COUNTY CMTY COL	808	0	0	0	808	0	0	0	0	0	0	0
CABRINI COLLEGE	423	0	0	0	423	0	0	0	0	0	0	0
CALIFORNIA UNIV OF PENN	3,088	0	0	0	3,088	0	0	0	0	0	0	0
CARLOW COLLEGE	796	0	0	0	796	0	0	0	0	0	0	0
CARNEGIE-MELLON UNIV	75,967	0	138	43,032	4,272	3,288	176	7,691	967	448	15,955	0
CEDAR CREST COLLEGE	303	0	0	0	303	0	0	0	0	0	0	0
CHATHAM COLLEGE	578	0	0	0	578	0	0	0	0	0	0	0
CHESTNUT HILL COLLEGE	231	0	0	0	222	0	0	0	0	0	9	0
CHEYNEY UNIV OF PENN	2,533	0	0	0	2,533	0	0	0	0	0	0	0
CLARION UNIV OF PENN	9,690	0	0	0	9,690	0	0	0	0	0	0	0
CMTY COL ALLEGHENY COUNTY	5,208	0	0	0	5,208	0	0	0	0	0	0	0
CMTY COL OF BEAVER COUNTY	976	0	0	0	976	0	0	0	0	0	0	0
CMTY COL OF PHILADELPHIA	6,676	0	0	0	6,671	0	0	0	0	0	0	5
COLLEGE MISERICORDIA	732	0	0	0	732	0	0	0	0	0	0	0
COMBS COL OF MUSIC	39	0	0	0	39	0	0	0	0	0	0	0
DEAN INSTITUTE OF TECH	41	0	0	0	41	0	0	0	0	0	0	0
DELAWARE COUNTY CMTY COL	1,213	0	0	0	1,213	0	0	0	0	0	0	0
DICKINSON COLLEGE	883	0	0	0	855	0	0	0	0	0	28	0
DICKINSON SCHOOL OF LAW	45	0	0	0	45	0	0	0	0	0	0	0
DREXEL UNIVERSITY	8,601	0	87	1,482	2,768	235	422	856	0	418	2,333	0
DROPSIE UNIVERSITY	14	0	0	0	14	0	0	0	0	0	0	0
DUQUESNE UNIVERSITY	2,310	0	0	0	2,229	0	0	81	0	0	0	0
EAST STROUDSBURG U OF PA	1,429	0	0	0	1,428	0	0	0	1	0	0	0
EASTERN BAPTIST THEOL SEM	11	0	0	0	11	0	0	0	0	0	0	0
EASTERN COLLEGE	615	0	0	0	615	0	0	0	0	0	0	0
EDINBORO UNIV OF PENN	1,725	0	0	0	1,725	0	0	0	0	0	0	0
ELECTRONIC INSTS-PITTS	331	0	0	0	331	0	0	0	0	0	0	0
ELIZABETHTOWN COLLEGE	398	0	0	0	398	0	0	0	0	0	0	0
FRANKLIN & MARSHALL COL	1,053	0	0	0	572	0	0	122	0	0	359	0
GANNON UNIVERSITY	2,112	0	0	0	2,066	0	0	0	0	0	46	0
GENEVA COLLEGE	623	0	0	0	623	0	0	0	0	0	0	0
GETTYSBURG COLLEGE	397	0	0	0	397	0	0	0	0	0	0	0
GWYNEDD-MERCY COLLEGE	426	0	0	0	361	0	0	58	0	0	7	0
HAHNEMANN UNIVERSITY	9,273	0	0	381	874	0	0	7,952	0	0	64	0
HARCUM JUNIOR COLLEGE	611	0	0	0	611	0	0	0	0	0	0	0
HARRISBURG AREA CMTY COL	918	0	0	0	882	0	1	35	0	0	0	0
HAVERFORD COLLEGE	867	0	0	0	325	0	0	105	0	0	437	0
HOLY FAMILY COLLEGE	351	0	0	0	324	0	0	0	0	0	27	0
HUSSIAN SCHOOL OF ART	134	0	0	0	134	0	0	0	0	0	0	0
IMMACULATA COLLEGE	333	0	0	0	333	0	0	0	0	0	0	0
INDIANA UNIV OF PENN	899	0	0	0	114	0	0	117	0	35	112	521
JUNIATA COLLEGE	472	0	0	0	421	0	0	0	0	0	51	0
KEYSTONE JUNIOR COLLEGE	469	0	0	0	469	0	0	0	0	0	0	0
KING'S COLLEGE (PA)	969	0	0	0	969	0	0	0	0	0	0	0
KUTZTOWN UNIV OF PENN	1,789	0	0	0	1,756	0	33	0	0	0	0	0
LA ROCHE COLLEGE	442	0	0	0	442	0	0	0	0	0	0	0
LA SALLE UNIVERSITY	1,470	0	0	0	1,458	0	0	0	0	0	12	0
LACKAWANNA JUNIOR COLLEGE	487	0	0	0	487	0	0	0	0	0	0	0
LAFAYETTE COLLEGE	432	0	0	0	188	0	0	0	0	0	244	0
LANCASTER BIBLE COLLEGE	248	0	0	0	248	0	0	0	0	0	0	0
LEBANON VALLEY COLLEGE	431	0	0	0	382	0	0	0	0	0	49	0
LEHIGH COUNTY CMTY COL	567	0	0	0	567	0	0	0	0	0	0	0
LEHIGH UNIVERSITY	9,779	117	268	1,916	886	1,668	0	1,361	0	426	3,137	0
LINCOLN UNIVERSITY (PA)	3,016	0	0	190	2,396	0	76	200	0	60	0	94
LOCK HAVEN UNIV OF PENN	1,457	0	0	0	1,457	0	0	0	0	0	0	0
LUTHERAN THEOLOGICAL SEM	21	0	0	0	21	0	0	0	0	0	0	0
LUZERNE COUNTY CMTY COL	1,176	0	0	0	1,176	0	0	0	0	0	0	0
LYCOMING COLLEGE	429	0	0	0	429	0	0	0	0	0	0	0
MANOR JUNIOR COLLEGE	176	0	0	0	176	0	0	0	0	0	0	0
MANSFIELD UNIV OF PENN	49	0	0	0	0	0	0	49	0	0	0	0
MARYWOOD COLLEGE	871	0	0	0	871	0	0	0	0	0	0	0
MCCARRIE SCH HLTH SCI TEC	1,311	0	0	0	1,311	0	0	0	0	0	0	0
MERCYHURST COLLEGE	1,019	0	0	0	1,019	0	0	0	0	0	0	0
MESSIAH COLLEGE	894	0	0	0	894	0	0	0	0	0	0	0
MILLERSVILLE UNIV OF PENN	1,534	0	0	0	1,534	0	0	0	0	0	0	0
MONTGOMERY CNTY COMM COL	529	0	0	0	529	0	0	0	0	0	0	0
MOORE COL OF ART	484	0	0	0	484	0	0	0	0	0	0	0
MORAVIAN COLLEGE	356	0	0	0	346	0	0	0	0	0	10	0
MOUNT ALOYSIUS JUNIOR COL	662	0	0	0	662	0	0	0	0	0	0	0
MUHLENBERG COLLEGE	784	0	0	0	784	0	0	0	0	0	0	0
NEUMANN COLLEGE	136	0	0	0	136	0	0	0	0	0	0	0
NEW SCHOOL OF MUSIC	29	0	0	0	29	0	0	0	0	0	0	0
NORTHAMPTON CNTY CMTY COL	1,012	0	0	0	1,012	0	0	0	0	0	0	0
NORTHEASTN CHRISTN JR COL	322	0	0	0	322	0	0	0	0	0	0	0
O.S. JOHNSON SCH TECH	141	0	0	0	141	0	0	0	0	0	0	0
PEIRCE JR COLLEGE	854	0	0	0	854	0	0	0	0	0	0	0
PENN COL OF PODIATRIC MED	596	0	0	0	281	0	0	315	0	0	0	0
PENN TECHNICAL INSTITUTE	168	0	0	0	168	0	0	0	0	0	0	0
PENNCO TECH	382	0	0	0	382	0	0	0	0	0	0	0
PENNSYLVANIA COL OPTOMET	1,661	0	0	0	1,010	0	0	541	0	40	70	0

SEE FOOTNOTES AT END OF TABLE.

TABLE C-17. — FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES BY STATE, INSTITUTION, AND AGENCY: FISCAL YEAR 1987

CONTINUED

(DOLLARS IN THOUSANDS)

STATE & INSTITUTION	TOTAL	USDA	CON	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
PENNSYLVANIA, CONT'D												
PENNSYLVANIA INST OF TECH	482	0	0	0	482	0	0	0	0	0	0	0
PENNSYLVANIA STATE UNIV	132,135	19,308	560	41,292	21,638	2,700	668	26,873	3,557	4,006	10,870	663
PHILA COL OF PHARM & SCI	199	0	0	0	0	0	0	199	0	0	0	0
PHILA COL OF TEXT & SCI	30	0	0	30	0	0	0	0	0	0	0	0
PHILA COL OF THE BIBLE	339	0	0	0	339	0	0	0	0	0	0	0
PHILA COL OSTEOPATHIC MED	304	0	0	0	110	0	0	194	0	0	0	0
PINEBROOK JUNIOR COLLEGE	124	0	0	0	124	0	0	0	0	0	0	0
POINT PARK COLLEGE	1,174	0	0	0	1,174	0	0	0	0	0	0	0
READING AREA CC	948	0	0	0	948	0	0	0	0	0	0	0
ROBERT MORRIS COLLEGE	1,603	0	0	0	1,603	0	0	0	0	0	0	0
ROSEMONT COLLEGE	202	0	0	0	176	0	0	0	0	0	26	0
SETON HILL COLLEGE	1,042	0	0	0	962	0	0	0	0	0	80	0
SHIPPENSBURG UNIV OF PENN	1,556	0	0	0	1,504	0	0	52	0	0	0	0
SLIPPERY ROCK UNIV OF PA	2,986	0	0	0	2,986	0	0	0	0	0	0	0
SPRING GARDEN COLLEGE	350	0	0	0	350	0	0	0	0	0	0	0
ST CHARLES BORROMEO SEM	77	0	0	0	77	0	0	0	0	0	0	0
ST FRANCIS COLLEGE	1,119	0	0	0	1,070	0	0	49	0	0	0	0
ST JOSEPH'S UNIVERSITY	1,122	0	0	140	887	0	0	0	0	0	95	0
ST VINCENT COL AND SEM	729	0	0	0	729	0	0	0	0	0	0	0
SUSQUEHANNA UNIVERSITY	489	0	0	0	489	0	0	0	0	0	0	0
SWARTHMORE COLLEGE	1,377	0	0	0	789	0	0	101	0	0	487	0
T STEVENS ST SCH OF TECH	42	0	0	0	42	0	0	0	0	0	0	0
TEMPLE UNIVERSITY	36,762	100	0	299	14,219	469	50	19,874	0	0	1,751	0
THE MEDICAL COL OF PENNA	8,724	70	0	581	247	0	0	7,463	0	0	363	0
THIEL COLLEGE	856	0	0	0	856	0	0	0	0	0	0	0
THOMAS JEFFERSON UNIV	17,728	0	0	960	1,074	88	0	15,531	0	0	74	1
TRIANGLE INST TECH-PITTS	928	0	0	0	928	0	0	0	0	0	0	0
UNITED WESLEYAN COLLEGE	178	0	0	0	178	0	0	0	0	0	0	0
UNIV OF PENNSYLVANIA	130,570	431	50	6,544	9,668	5,864	0	92,793	30	473	14,518	199
UNIVERSITY OF PITTSBURGH	89,070	200	459	3,933	12,395	1,526	595	61,890	0	842	7,150	80
UNIVERSITY OF SCRANTON	1,306	0	0	40	1,217	0	0	0	0	0	49	0
URSINUS COLLEGE	376	0	0	0	376	0	0	0	0	0	0	0
VALE TECHNICAL INSTITUTE	56	0	0	0	56	0	0	0	0	0	0	0
VALLEY FORGE CHRIST COL	385	0	0	0	385	0	0	0	0	0	0	0
VALLEY FORGE MILIT JR COL	64	0	0	0	64	0	0	0	0	0	0	0
VILLA MARIA COLLEGE	232	0	0	0	217	0	0	15	0	0	0	0
VILLANOVA UNIVERSITY	2,347	0	0	0	1,697	0	77	398	0	106	69	0
WASHINGTON & JEFFERSN COL	594	0	0	0	594	0	0	0	0	0	0	0
WAYNESBURG COLLEGE	923	0	0	0	923	0	0	0	0	0	0	0
WEST CHESTER UNIV OF PENN	1,985	0	0	0	1,954	0	0	0	0	0	31	0
WESTMINSTER COLLEGE (PA)	543	0	0	0	411	0	0	0	0	0	132	0
WESTMINSTER THEOL SEM	1	0	0	0	1	0	0	0	0	0	0	0
WESTMORELAND CNTY CMTY C	1,102	0	0	0	1,102	0	0	0	0	0	0	0
WIDENER UNIVERSITY	1,688	0	0	0	1,521	0	0	119	0	0	48	0
WILKES COLLEGE	1,440	0	0	120	1,320	0	0	0	0	0	0	0
WILLIAMSPORT AREA CC	1,909	0	0	0	1,909	0	0	0	0	0	0	0
WILSON COLLEGE	124	0	0	0	124	0	0	0	0	0	0	0
YORK COLLEGE OF PENN	629	0	0	0	629	0	0	0	0	0	0	0
RHODE ISLAND, TOTAL	72,131	2,298	2,683	7,435	22,847	7,668	819	13,923	304	1,763	12,230	161
BROWN UNIVERSITY	39,327	64	110	4,804	5,112	7,668	13	12,452	199	1,541	7,364	0
BRYANT COL OF BUS ADMIN	819	0	0	0	819	0	0	0	0	0	0	0
CNTY COL OF RHODE ISLAND	2,294	0	0	0	2,133	0	0	161	0	0	0	0
JOHNSON & WALES COLLEGE	2,377	0	0	110	2,267	0	0	0	0	0	0	0
N ENG INST OF TECHNOLOGY	1,164	0	0	0	1,164	0	0	0	0	0	0	0
PROVIDENCE COLLEGE	1,528	0	0	0	1,528	0	0	0	0	0	0	0
RHODE ISLAND COLLEGE	3,903	0	0	0	3,796	0	0	35	0	0	72	0
ROGER WILLIAMS COLLEGE	914	0	0	0	908	0	0	0	0	0	6	0
SALVE REGINA COLLEGE	1,151	0	0	0	345	0	806	0	0	0	0	0
UNIV OF RHODE ISLAND	18,654	2,234	2,573	2,521	4,775	0	0	1,275	105	222	4,788	161
SOUTH CAROLINA, TOTAL	137,818	13,365	144	2,392	74,607	17,182	514	23,955	208	489	4,937	25
AIKEN TECHNICAL COLLEGE	532	0	0	0	532	0	0	0	0	0	0	0
ALLEN UNIVERSITY	638	0	0	0	638	0	0	0	0	0	0	0
ANDERSON COLLEGE	633	0	0	0	633	0	0	0	0	0	0	0
BAPTIST COL AT CHARLESTON	1,456	0	0	0	1,456	0	0	0	0	0	0	0
BEAUFORT TECHNICAL COL	2,059	0	0	0	2,059	0	0	0	0	0	0	0
BENEDICT COLLEGE	4,691	0	0	0	4,025	0	5	636	0	0	0	25
CENTRAL WESLEYAN COLLEGE	382	0	0	0	382	0	0	0	0	0	0	0
CITADEL MILITARY COL S C	421	0	0	0	361	0	0	0	0	60	0	0
CLAFLIN COLLEGE	2,756	0	0	0	2,704	52	0	0	0	0	0	0
CLEMSON UNIVERSITY	19,395	11,092	144	1,448	3,882	125	238	1,068	129	351	918	0
CLINTON JUNIOR COLLEGE	34	0	0	0	34	0	0	0	0	0	0	0
COKER COLLEGE	285	0	0	0	285	0	0	0	0	0	0	0
COLLEGE OF CHARLESTON	1,836	0	0	0	1,736	0	0	0	0	0	100	0
COLUMBIA BIBLE COL	277	0	0	0	277	0	0	0	0	0	0	0
COLUMBIA COLLEGE	848	0	0	0	848	0	0	0	0	0	0	0
COLUMBIA JR COL OF BUS	873	0	0	0	873	0	0	0	0	0	0	0
CONVERSE COLLEGE	265	0	0	0	265	0	0	0	0	0	0	0
ERSKINE COLLEGE	256	0	0	0	229	0	0	0	0	0	27	0
FLORENCE DARLINGTON T C	940	0	0	0	940	0	0	0	0	0	0	0
FRANCIS MARION COLLEGE	1,172	0	0	0	1,155	0	0	0	0	0	17	0
FURMAN UNIVERSITY	1,457	0	0	0	1,084	20	0	0	0	27	326	0
GREENVILLE TECH COLLEGE	1,252	0	0	0	1,012	34	0	206	0	0	0	0
HORRY-GEORGETOWN TECH COL	561	0	0	0	561	0	0	0	0	0	0	0
LANDER COLLEGE	4,101	0	0	0	4,101	0	0	0	0	0	0	0

SEE FOOTNOTES AT END OF TABLE.

TABLE C-17. — FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES BY STATE, INSTITUTION, AND AGENCY: FISCAL YEAR 1987

CONTINUED

(DOLLARS IN THOUSANDS)

STATE & INSTITUTION	TOTAL	USDA	CON	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
SOUTH CAROLINA, CONT'D												
LIMESTONE COLLEGE	280	0	0	0	280	0	0	0	0	0	0	0
MED UNIV OF SO CAROLINA	13,417	0	0	0	493	0	0	12,358	0	0	566	0
MIDLANDS TECH COLLEGE	1,634	0	0	0	1,634	0	0	0	0	0	0	0
MORRIS COLLEGE	2,808	0	0	0	2,808	0	0	0	0	0	0	0
NEWBERRY COLLEGE	410	0	0	0	410	0	0	0	0	0	0	0
NORTH GREENVILLE COLLEGE	393	0	0	0	393	0	0	0	0	0	0	0
ORNGBRG-CALHN TECH ED CTR	1,233	0	0	0	1,233	0	0	0	0	0	0	0
PIEDMONT TECH COLLEGE	682	0	0	0	682	0	0	0	0	0	0	0
PRESBYTERIAN COLLEGE	441	0	0	0	433	0	0	0	0	0	8	0
RUTLEDGE COLLEGE	3,693	0	0	0	3,693	0	0	0	0	0	0	0
RUTLEDGE COLLEGE	1,914	0	0	0	1,914	0	0	0	0	0	0	0
SHERMAN COL OF CHIROPRACT	125	0	0	0	125	0	0	0	0	0	0	0
SOUTH CAROLINA ST COLLEGE	7,626	2,236	0	0	5,203	0	4	183	0	0	0	0
SPARTANBURG METH COLLEGE	653	0	0	0	653	0	0	0	0	0	0	0
SPARTANBURG TECH COLLEGE	1,046	0	0	0	1,046	0	0	0	0	0	0	0
SUMTER AREA TECH COLLEGE	1,188	0	0	0	1,032	0	156	0	0	0	0	0
TRI-COUNTY TECH COLLEGE	973	0	0	0	973	0	0	0	0	0	0	0
TRIDENT TECHNICAL COLLEGE	1,746	0	0	0	1,746	0	0	0	0	0	0	0
UNIV OF SOUTH CAROLINA	44,118	37	0	944	13,993	16,903	111	9,425	79	51	2,975	0
VOORHEES COLLEGE	2,814	0	0	0	2,687	48	0	79	0	0	0	0
WILLIAMSBURG TECH COLLEGE	366	0	0	0	356	0	0	0	0	0	0	0
WINTHROP COLLEGE	1,779	0	0	0	1,779	0	0	0	0	0	0	0
WOFFORD COLLEGE	399	0	0	0	399	0	0	0	0	0	0	0
YORK TECHNICAL COLLEGE	960	0	0	0	960	0	0	0	0	0	0	0
SOUTH DAKOTA, TOTAL	44,585	5,541	0	0	33,150	100	158	1,642	2,502	357	947	188
AUGUSTANA COLLEGE	1,897	0	0	0	1,839	0	0	0	0	0	58	0
BLACK HILLS STATE COLLEGE	2,634	0	0	0	2,634	0	0	0	0	0	0	0
CNTY COL OF N CTRL U CTR	150	0	0	0	150	0	0	0	0	0	0	0
DAKOTA STATE COLLEGE	1,202	0	0	0	1,202	0	0	0	0	0	0	0
DAKOTA WESLEYAN UNIV	1,174	0	0	0	1,145	0	0	29	0	0	0	0
FREEMAN JUNIOR COLLEGE	1	0	0	0	1	0	0	0	0	0	0	0
HURON COLLEGE	228	0	0	0	228	0	0	0	0	0	0	0
MOUNT MARTY COLLEGE	1,127	0	0	0	1,097	0	0	30	0	0	0	0
NATIONAL COLLEGE	6,959	0	0	0	6,959	0	0	0	0	0	0	0
NORTHERN STATE COLLEGE	3,454	0	0	0	3,432	0	0	22	0	0	0	0
OGLALA SIOUX CNTY COLLEGE	2,565	0	0	0	985	0	0	378	1,202	0	0	0
PRESENTATION COLLEGE	819	0	0	0	665	0	0	154	0	0	0	0
S DAK SCH MINES & TECH	1,440	0	0	0	0	100	158	0	138	297	747	0
SINTE GLESKA COLLEGE	1,526	0	0	0	817	0	0	0	709	0	0	0
SIOUX FALLS COLLEGE	666	0	0	0	666	0	0	0	0	0	0	0
SISSETON-WAHPETON CNTY C	224	0	0	0	0	0	0	0	224	0	0	0
SOUTH DAKOTA STATE UNIV	12,763	5,541	0	0	6,892	0	0	225	105	0	0	0
U OF S D SYSTEM OFFICE	4,562	0	0	0	4,438	0	0	0	124	0	0	0
UNIV OF SOUTH DAKOTA	1,194	0	0	0	0	0	0	804	0	60	142	188
TENNESSEE, TOTAL	223,516	17,409	98	7,927	89,421	9,900	490	85,457	309	2,945	8,844	716
AMER BAPTIST THEO SEM	162	0	0	0	162	0	0	0	0	0	0	0
AQUINAS JUNIOR COLLEGE	57	0	0	0	57	0	0	0	0	0	0	0
AUSTIN PEAY STATE UNIV	2,294	0	0	0	2,275	0	0	0	0	0	19	0
BELMONT COLLEGE	743	0	0	0	737	0	0	0	0	0	6	0
BETHEL COLLEGE (TENN)	368	0	0	0	368	0	0	0	0	0	0	0
BRISTOL COLLEGE	521	0	0	0	521	0	0	0	0	0	0	0
BRYAN COLLEGE	423	0	0	0	423	0	0	0	0	0	0	0
CARSON-NEWMAN COLLEGE	1,148	0	0	0	1,148	0	0	0	0	0	0	0
CHATTANOOGA ST TECH CC	893	0	0	0	893	0	0	0	0	0	0	0
CHRISTIAN BROTHERS COL	1,212	0	0	0	1,162	0	0	0	0	0	50	0
CLEVELAND STATE CNTY COL	428	0	0	0	428	0	0	0	0	0	0	0
COLUMBIA STATE CNTY COL	574	0	0	0	574	0	0	0	0	0	0	0
CUMBERLAND COL OF TENN	425	0	0	0	425	0	0	0	0	0	0	0
DAVID LIPSCOMB COLLEGE	651	0	0	0	651	0	0	0	0	0	0	0
DRAUGHON'S COL BUS-NASHVL	593	0	0	0	593	0	0	0	0	0	0	0
DRAUGHONS JR C-KNOXVILLE	2,802	0	0	0	2,802	0	0	0	0	0	0	0
DYERSBURG STATE CNTY COL	904	0	0	0	904	0	0	0	0	0	250	0
EAST TENNESSEE STATE UNIV	6,222	0	0	140	4,702	0	0	1,130	0	0	0	0
EDMONDSON JUNIOR COLLEGE	1,179	0	0	0	1,179	0	0	0	0	0	0	0
FISK UNIVERSITY	3,148	0	0	0	2,308	99	0	397	0	194	0	150
FREED-HARDEMAN COLLEGE	1,853	0	0	0	1,853	0	0	0	0	0	0	0
HIWASSEE COLLEGE	931	0	0	0	931	0	0	0	0	0	0	0
JACKSON STATE CNTY COL	592	0	0	0	592	0	0	0	0	0	0	0
JOHN A GUPTON COLLEGE	31	0	0	0	31	0	0	0	0	0	0	0
KING COLLEGE (TENN)	355	0	0	0	333	0	0	0	0	0	22	0
KNOXVILLE COLLEGE	2,179	0	0	0	2,172	7	0	0	0	0	0	0
LAMBUTH COLLEGE	409	0	0	0	409	0	0	0	0	0	0	0
LANE COLLEGE	2,567	0	0	0	2,558	0	9	0	0	0	0	0
LE MOYNE-OWEN COLLEGE	2,938	0	0	0	2,925	0	0	0	0	0	13	0
LEE COLLEGE (TENN)	1,310	0	0	0	1,310	0	0	0	0	0	0	0
LINCOLN MEMORIAL UNIV	1,522	0	0	0	1,522	0	0	0	0	0	0	0
MARTIN COLLEGE	413	0	0	0	413	0	0	0	0	0	0	0
MARYVILLE COLLEGE	333	0	0	0	324	0	0	0	0	0	9	0
MCKENZIE COLLEGE	597	0	0	0	597	0	0	0	0	0	0	0
MEHARRY MEDICAL COLLEGE	13,788	0	0	440	1,270	75	0	9,789	0	0	2,214	0
MEMPHIS ACADEMY OF ARTS	262	0	0	0	262	0	0	0	0	0	0	0
MEMPHIS STATE UNIVERSITY	5,832	0	80	0	4,666	0	0	582	48	0	219	237
MID-SOUTH BIBLE COLLEGE	282	0	0	0	282	0	0	0	0	0	0	0
MIDDLE TENNESSEE ST UNIV	3,508	0	0	0	3,454	38	0	16	0	0	0	0

SEE FOOTNOTES AT END OF TABLE.

TABLE C-17. — FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES
BY STATE, INSTITUTION, AND AGENCY: FISCAL YEAR 1987

CONTINUED

(DOLLARS IN THOUSANDS)

STATE & INSTITUTION	TOTAL	USDA	CDM	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
TENNESSEE, CONT'D												
MILLIGAN COLLEGE	277	0	0	0	277	0	0	0	0	0	0	0
MORRISTOWN COLLEGE	872	0	0	0	872	0	0	0	0	0	0	0
MOTLOW STATE CMTY COLLEGE	1,021	0	0	0	1,021	0	0	0	0	0	0	0
OMORE SCH ARCHITEC INTER	16	0	0	0	16	0	0	0	0	0	0	0
RHODES COLLEGE	477	0	0	0	477	0	0	0	0	0	0	0
ROANE STATE COMMUNITY COL	1,096	0	0	0	1,096	0	0	0	0	0	0	0
RUTLEDGE COLLEGE-MEM	168	0	0	0	168	0	0	0	0	0	0	0
SHELBY STATE CMTY COLLEGE	2,494	0	0	0	2,494	0	0	0	0	0	0	0
SOUTHERN COL OF OPTOMETRY	396	0	0	0	329	0	0	67	0	0	0	0
SOUTHERN COL OF 7-DAY ADV	998	0	0	0	982	0	0	16	0	0	0	0
STATE TECH INST KNOXVILLE	735	0	0	0	735	0	0	0	0	0	0	0
STATE TECH INST MEMPHIS	1,377	0	0	0	1,377	0	0	0	0	0	0	0
TENN TECHNOLOGICAL UNIV	309	1	0	0	0	102	0	54	5	18	129	0
TENNESSEE INST ELECTRONIC	112	0	0	0	112	0	0	0	0	0	0	0
TENNESSEE STATE UNIV	11,959	3,318	0	0	6,838	0	6	1,339	0	178	280	0
TENNESSEE TEMPLE UNIV	1,361	0	0	0	1,361	0	0	0	0	0	0	0
TENNESSEE WESLEYAN COL	259	0	0	0	259	0	0	0	0	0	0	0
TOMLINSON COLLEGE	321	0	0	0	321	0	0	0	0	0	0	0
TREVECCA NAZARENE COLLEGE	595	0	0	0	595	0	0	0	0	0	0	0
TUSCULUM COLLEGE	862	0	0	0	862	0	0	0	0	0	0	0
U TENNESSEE CHATTANOOGA	2,355	0	0	0	2,355	0	0	0	0	0	0	0
U TENNESSEE KNOXVILLE	37,019	13,988	0	3,012	8,822	2,058	475	4,991	10	858	2,546	259
UNION UNIVERSITY	897	0	0	0	897	0	0	0	0	0	0	0
UNIV OF TENN SYSTEM OFF	7,355	0	18	0	0	7,091	0	0	246	0	0	0
UNIV TENN CTR HEALTH SCI	19,068	0	0	593	262	0	0	17,773	0	100	340	0
UNIV TENNESSEE AT MARTIN	2,674	0	0	0	2,674	0	0	0	0	0	0	0
UNIVERSITY OF THE SOUTH	542	0	0	0	542	0	0	0	0	0	0	0
VANDERBILT UNIVERSITY	62,124	102	0	3,742	4,133	430	0	49,303	0	1,597	2,747	70
VOLUNTEER STATE CMTY COL	495	0	0	0	495	0	0	0	0	0	0	0
WALTERS STATE COMM COLL	833	0	0	0	833	0	0	0	0	0	0	0
TEXAS, TOTAL	663,461	35,999	2,898	62,935	231,484	16,280	4,004	253,008	603	18,022	37,306	922
ABILENE CHRISTIAN UNIV	1,438	0	0	0	1,383	55	0	0	0	0	0	0
ALAMO CMTY COL DIST	9,179	0	0	0	9,179	0	0	0	0	0	0	0
ALVIN COMMUNITY COLLEGE	439	0	0	0	439	0	0	0	0	0	0	0
AMARILLO COLLEGE	1,055	0	0	0	1,055	0	0	0	0	0	0	0
AMBER UNIVERSITY	1	0	0	0	1	0	0	0	0	0	0	0
AMERICAN TECHNOLOGICAL U	821	0	0	660	161	0	0	0	0	0	0	0
ANGELINA COLLEGE	549	0	0	0	549	0	0	0	0	0	0	0
ANGELO STATE UNIVERSITY	1,605	0	0	0	1,605	0	0	0	0	0	0	0
ARLINGTON BAPTIST COLL	3,291	0	0	0	3,291	0	0	0	0	0	0	0
ART INSTITUTE OF HOUSTON	1,709	0	0	0	1,709	0	0	0	0	0	0	0
AUSTIN CMTY COL (TEX)	1,352	0	0	0	1,352	0	0	0	0	0	0	0
AUSTIN COLLEGE	657	0	0	0	657	0	0	0	0	0	0	0
BAYLOR COL OF DENTISTRY	1,106	0	0	600	11	0	0	495	0	0	0	0
BAYLOR COL OF MEDICINE	59,609	4,867	0	494	1,373	0	178	52,036	0	327	334	0
BAYLOR UNIVERSITY	3,563	5	0	0	2,916	0	0	536	0	98	8	0
BEE COUNTY COLLEGE	1,528	0	0	0	1,528	0	0	0	0	0	0	0
BISHOP COLLEGE	1,221	0	0	0	1,098	0	0	123	0	0	0	0
BLINN COLLEGE	3,472	0	0	0	3,472	0	0	0	0	0	0	0
BRAZOSPORT COLLEGE	222	0	0	0	222	0	0	0	0	0	0	0
BROOKHAVEN COLLEGE	245	0	0	0	245	0	0	0	0	0	0	0
CEDAR VALLEY COLLEGE	235	0	0	0	235	0	0	0	0	0	0	0
CENTRAL TEXAS COLLEGE	1,745	0	0	470	1,275	0	0	0	0	0	0	0
CISCO JUNIOR COLLEGE	442	0	0	0	442	0	0	0	0	0	0	0
CLARENDON COLLEGE	418	0	0	0	418	0	0	0	0	0	0	0
COLLEGE OF THE MAINLAND	670	0	0	0	670	0	0	0	0	0	0	0
CONCORDIA LUTHERAN COL	220	0	0	0	220	0	0	0	0	0	0	0
COOKE COUNTY COLLEGE	275	0	0	0	275	0	0	0	0	0	0	0
CORPUS CHRISTI STATE UNIV	962	0	0	0	947	0	0	15	0	0	0	0
DALLAS BAPTIST COLLEGE	674	0	0	0	674	0	0	0	0	0	0	0
DALLAS CHRISTIAN COLLEGE	56	0	0	0	56	0	0	0	0	0	0	0
DALLAS CNTY CC SYS OFF	315	0	0	0	315	0	0	0	0	0	0	0
DEL MAR COLLEGE	1,671	0	0	0	1,671	0	0	0	0	0	0	0
DEVRY INST OF TECH (TX)	2,534	0	0	0	2,534	0	0	0	0	0	0	0
EAST TEXAS BAPTIST COL	535	0	0	0	535	0	0	0	0	0	0	0
EAST TEXAS STATE UNIV	1,871	0	0	0	1,871	0	0	0	0	0	0	0
EASTFIELD COLLEGE	474	0	0	0	474	0	0	0	0	0	0	0
EL CENTRO COLLEGE	603	0	0	0	603	0	0	0	0	0	0	0
EL PASO CMTY COLLEGE	13,134	0	0	40	13,094	0	0	0	0	0	0	0
FRANK PHILLIPS COLLEGE	129	0	0	0	129	0	0	0	0	0	0	0
GALVESTON COLLEGE	490	0	0	0	490	0	0	0	0	0	0	0
GRAYSON COUNTY COLLEGE	398	0	0	0	398	0	0	0	0	0	0	0
GULF COAST BIBLE COLLEGE	222	0	0	0	222	0	0	0	0	0	0	0
HARDIN-SIMMONS UNIVERSITY	880	0	0	0	880	0	0	0	0	0	0	0
HENDERSON COUNTY JR COL	782	0	0	0	782	0	0	0	0	0	0	0
HILL JUNIOR COLLEGE	608	0	0	0	608	0	0	0	0	0	0	0
HOUSTON BAPTIST UNIV	786	0	0	0	786	0	0	0	0	0	0	0
HOUSTON COMMUNITY COLLEGE	2,996	0	0	0	2,936	60	0	0	0	0	0	0
HOWARD COL AT BIG SPRINGS	355	0	0	0	355	0	0	0	0	0	0	0
HOWARD PAYNE UNIVERSITY	650	0	0	0	650	0	0	0	0	0	0	0
HUSTON-TILLOTSON COLLEGE	1,758	0	0	0	1,758	0	0	607	0	0	12	0
INCARNATE WORD COLLEGE	2,682	0	0	0	2,063	0	0	0	0	0	0	0
JACKSONVILLE COLLEGE	124	0	0	0	124	0	0	0	0	0	0	0
JARVIS CHRISTIAN COLLEGE	1,807	0	0	0	1,807	0	0	0	0	0	0	0
KILGORE COLLEGE	757	0	0	0	757	0	0	0	0	0	0	0
LAMAR UNIVERSITY	3,192	0	0	0	3,192	0	0	0	0	0	0	0

SEE FOOTNOTES AT END OF TABLE.

TABLE C-17. — FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES BY STATE, INSTITUTION, AND AGENCY: FISCAL YEAR 1987

(DOLLARS IN THOUSANDS)

CONTINUED

STATE & INSTITUTION	TOTAL	USDA	COM	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
TEXAS, CONT'D												
LAREDO JUNIOR COLLEGE	3,390	0	0	0	3,390	0	0	0	0	0	0	0
LAREDO STATE UNIVERSITY	544	0	0	0	544	0	0	0	0	0	0	0
LE TOURNEAU COLLEGE	475	0	0	0	475	0	0	0	0	0	0	0
LEE COLLEGE (TEX)	247	0	0	0	247	0	0	0	0	0	0	0
LON MORRIS COLLEGE	170	0	0	0	170	0	0	0	0	0	0	0
LUBBOCK CHRISTIAN COLLEGE	737	0	0	0	737	0	0	0	0	0	0	0
MCLENNAN COMMUNITY COL	1,388	0	0	0	1,388	0	0	0	0	0	0	0
MCMURRY COLLEGE	848	0	0	0	842	0	6	0	0	0	0	0
MIDLAND COLLEGE	305	0	0	0	305	0	0	0	0	0	14	0
MIDWESTERN STATE UNIV	680	0	0	0	666	0	0	0	0	0	0	0
MISS MADES FASHION COL	478	0	0	0	478	0	0	0	0	0	0	0
MOUNTAIN VIEW COLLEGE	217	0	0	0	217	0	0	0	0	0	0	0
NAVARRO COLLEGE	1,155	0	0	0	1,155	0	0	0	0	0	0	0
NORTH HARRIS CO COLLEGE	378	0	0	0	378	0	0	0	0	0	157	0
NORTH TEXAS STATE UNIV	8,281	0	0	2,280	5,444	0	0	400	0	0	0	0
NORTHLAKE COLLEGE	177	0	0	0	177	0	0	0	0	0	0	0
ODESSA COLLEGE	481	0	0	0	481	0	0	107	0	0	0	0
OUR LADY OF THE LAKE UNIV	1,444	0	0	0	1,337	0	0	449	0	0	73	0
PAN AMERICAN UNIVERSITY	8,868	0	78	0	8,268	0	0	0	0	0	0	0
PARIS JUNIOR COLLEGE	1,002	0	0	0	1,002	0	0	0	0	0	0	0
PARKER COLL OF CHIROPRACT	153	0	0	0	153	0	0	0	0	0	0	0
PAUL QUINN COLLEGE	1,420	0	0	0	1,412	0	8	0	0	0	0	0
PRAIRIE VIEW A & M UNIV	12,456	5,074	0	80	6,557	0	5	440	0	225	75	0
RANGER JUNIOR COLLEGE	579	0	0	0	579	0	0	0	0	0	0	0
RICE UNIVERSITY	15,244	0	0	2,227	869	1,829	1,134	2,512	0	1,279	5,394	0
RICHLAND COLLEGE	641	0	0	0	641	0	0	0	0	0	0	0
SAM HOUSTON STATE UNIV	6,376	0	0	0	6,364	0	0	0	0	0	12	0
SAN JACINTO COL CTRL CAM	905	0	0	0	905	0	0	0	0	0	0	0
SCHREINER COLLEGE	254	0	0	0	254	0	0	0	0	0	0	0
SOUTH PLAINS COLLEGE	1,230	0	0	0	1,230	0	0	0	0	0	0	0
SOUTH TEXAS COL OF LAW	119	0	0	0	119	0	0	0	0	0	0	0
SOUTHERN METHODIST UNIV	6,913	0	0	3,720	1,799	16	0	368	0	204	806	0
SOUTHWEST TEXAS JR COL	1,334	0	0	0	1,334	0	0	0	0	23	0	0
SOUTHWEST TEXAS ST UNIV	4,351	0	0	0	4,328	0	0	0	0	0	0	0
SOUTHWESTERN ADVENTIST C	690	0	0	0	690	0	0	0	0	0	9	0
SOUTHWESTERN UNIV (TX)	551	0	0	0	542	0	0	0	0	0	0	0
SOUTHWESTN ASSEMB GOD COL	666	0	0	0	666	0	0	0	0	0	0	0
SOUTHWESTN CHRISTIAN COL	828	0	0	0	828	0	0	0	0	0	0	0
ST EDWARD'S UNIVERSITY	1,746	0	0	0	1,726	0	0	20	0	0	0	0
ST MARY'S UNIV S ANTONIO	2,464	0	0	0	2,269	0	0	195	0	0	0	0
STEPHEN F AUSTIN ST UNIV	3,413	206	0	0	3,207	0	0	0	0	5	285	0
SUL ROSS STATE UNIVERSITY	1,759	0	0	0	1,469	0	0	0	0	0	0	0
TARLETON STATE UNIVERSITY	1,357	1	0	0	1,356	0	0	0	0	0	0	0
TARRANT COUNTY JUNIOR COL	1,466	0	0	0	1,466	0	0	0	0	0	0	0
TEMPLE JUNIOR COLLEGE	394	0	0	0	394	0	0	0	0	0	0	0
TEXARKANA COLLEGE	397	0	0	0	397	0	0	0	0	0	0	0
TEXAS A & I UNIVERSITY	4,185	248	0	0	3,452	125	0	360	0	210	0	150
TEXAS A & M UNIV SYS OFF	434	0	0	0	0	0	0	74	0	0	0	689
TEXAS A & M UNIVERSITY	62,408	24,602	2,586	6,405	6,764	3,713	722	7,140	119	2,669	6,999	0
TEXAS CHIROPRACTIC COL	337	0	0	0	337	0	0	0	0	0	0	0
TEXAS CHRISTIAN UNIV	1,923	4	0	60	1,753	0	0	45	0	41	20	0
TEXAS COL OF OSTEO MED	2,316	0	0	0	175	0	0	2,141	0	0	0	0
TEXAS COLLEGE	1,601	0	0	0	1,601	0	0	0	0	0	0	0
TEXAS LUTHERAN COLLEGE	577	0	0	0	560	0	0	17	0	0	0	0
TEXAS SOUTHERN UNIV	8,190	0	0	0	6,483	101	0	1,295	0	16	335	0
TEXAS SOUTHMOST COLLEGE	420	0	0	0	420	0	0	0	0	0	0	0
TEXAS STATE TECH INST	5,118	0	0	0	5,118	0	0	0	0	0	0	0
TEXAS TECH UNIVERSITY	14,858	332	0	1,989	5,274	218	622	5,395	0	31	996	0
TEXAS WESLEYAN COLLEGE	689	0	0	0	649	0	0	40	0	0	0	0
TEXAS WOMAN'S UNIVERSITY	2,780	0	0	0	2,282	0	0	498	0	0	382	0
TRINITY UNIVERSITY	1,774	0	0	0	1,211	0	0	181	0	0	0	0
TYLER JUNIOR COLLEGE	1,046	0	0	0	1,046	0	0	0	0	0	42	0
U OF HOUSTON DOWNTOWN COL	2,964	0	0	0	2,450	472	0	0	0	0	0	0
U OF HOUSTON SYS OFF	616	0	0	0	0	616	0	0	0	0	0	0
U OF HOUSTON UNIV PARK	17,973	76	50	1,201	7,485	170	252	3,953	0	1,305	3,407	74
U OF TEXAS AT SAN ANTONIO	4,547	0	85	0	2,896	14	0	1,237	0	42	273	0
U TEX HLTH SCI CTR DALLAS	51,827	0	0	0	295	0	0	50,334	0	843	395	0
U TEX HLTH SCI CTR HOUSTN	31,064	0	0	330	125	0	49	29,379	0	1,181	0	0
U TEX HLTH SCI CTR S ANTO	29,956	0	0	1,060	352	0	0	28,098	0	49	397	0
U TEX MED BRNCH GALVESTON	22,325	111	0	790	229	0	102	20,411	0	469	213	0
U TEXAS SYSTEM CANCER CTR	26,906	0	0	0	0	220	0	26,420	0	0	266	0
UNIV HOUSTN CLR LAKE CITY	3,059	0	0	0	526	0	0	187	0	2,281	65	0
UNIV OF MARY HARDIN-BAYLR	610	0	0	0	610	0	0	0	0	0	0	0
UNIV OF TEX AT ARLINGTON	8,475	0	0	366	6,829	80	50	764	0	155	231	0
UNIV OF TEX AT TYLER	521	0	0	0	521	0	0	0	0	0	0	0
UNIV OF TEX PERMIAN BASIN	277	0	0	0	277	0	0	0	0	0	0	0
UNIV OF TEXAS AT AUSTIN	81,014	472	99	37,428	1,112	8,524	772	12,101	138	4,867	13,501	0
UNIV OF TEXAS AT DALLAS	7,914	0	0	2,475	1,241	0	104	1,761	0	1,702	631	0
UNIV OF TEXAS AT EL PASO	6,934	0	0	260	5,629	67	0	874	90	0	14	0
UNIV OF TEXAS SYSTEM OFF	12,738	0	0	0	10,951	0	0	1,922	256	0	0	0
UNIVERSITY OF DALLAS	446	0	0	0	446	0	0	0	0	0	0	0
UNIVERSITY OF ST THOMAS	569	0	0	0	569	0	0	0	0	0	0	0
VERNON REGIONAL JR COL	365	0	0	0	365	0	0	0	0	0	0	0
VICTORIA COLLEGE	153	0	0	0	153	0	0	0	0	0	0	0
MAYLAND BAPTIST COLLEGE	847	0	0	0	847	0	0	0	0	0	0	0
WEATHERFORD COLLEGE	162	0	0	0	162	0	0	0	0	0	0	0
WEST TEXAS STATE UNIV	2,105	0	0	0	1,987	0	0	118	0	0	0	0
WESTERN TEXAS COLLEGE	349				349			0				

SEE FOOTNOTES AT END OF TABLE.

TABLE C-17. — FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES BY STATE, INSTITUTION, AND AGENCY: FISCAL YEAR 1987

CONTINUED

(DOLLARS IN THOUSANDS)

STATE & INSTITUTION	TOTAL	USDA	COM	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
TEXAS, CONT'D												
WHARTON COUNTY JUNIOR COL	869	0	0	0	869	0	0	0	0	0	0	0
WILEY COLLEGE	1,737	0	0	0	1,737	0	0	0	0	0	0	0
UTAH, TOTAL	142,459	5,295	0	23,906	48,357	5,300	1,202	44,044	1,434	1,877	10,897	147
BRIGHAM YOUNG UNIVERSITY	13,028	67	0	1,600	7,966	890	0	152	14	0	2,339	0
COLLEGE OF EASTERN UTAH	1,822	0	0	0	1,822	0	0	0	0	0	0	0
DIXIE COLLEGE	1,538	0	0	0	1,538	0	0	0	0	0	0	0
SOUTHERN UTAH STATE COL	2,488	0	0	0	2,488	0	0	0	0	0	0	0
STEVENS-HENAGER C OF BUS	731	0	0	0	731	0	0	0	0	0	0	0
UNIVERSITY OF UTAH	71,609	60	0	7,092	9,769	4,302	26	42,211	1,125	654	6,223	147
UTAH STATE UNIVERSITY	37,849	5,168	0	15,214	10,931	108	1,176	1,616	295	1,223	2,118	0
UTAH TECHNICAL COL PROVO	2,497	0	0	0	2,497	0	0	0	0	0	0	0
UTAH TECHNICAL COL-SLT LK	3,198	0	0	0	3,198	0	0	0	0	0	0	0
WEBER STATE COLLEGE	5,992	0	0	0	5,710	0	0	65	0	0	217	0
WESTMINSTER COLLEGE (UT)	1,707	0	0	0	1,707	0	0	0	0	0	0	0
VERMONT, TOTAL	48,513	4,770	0	230	20,981	208	60	20,764	123	44	1,255	78
BENNINGTON COLLEGE	503	0	0	0	488	0	0	0	0	15	0	0
BURLINGTON COLLEGE	381	0	0	0	381	0	0	0	0	0	0	0
CASTLETON STATE COLLEGE	1,188	0	0	0	1,188	0	0	0	0	0	0	0
CHAMPLAIN COLLEGE	1,002	0	0	0	1,002	0	0	0	0	0	0	0
CMTY COL OF VERMONT	989	0	0	0	989	0	0	0	0	0	0	0
COL OF ST JOSEPH THE PROV	533	0	0	0	533	0	0	0	0	0	0	0
GODDARD COLLEGE	280	0	0	0	280	0	0	0	0	0	0	0
GREEN MOUNTAIN COLLEGE	147	0	0	0	147	0	0	0	0	0	0	0
JOHNSON STATE COLLEGE	1,929	0	0	0	1,929	0	0	0	0	0	13	0
LYNDON STATE COLLEGE	767	0	0	0	754	0	0	0	0	0	0	0
MARLBORO COLLEGE	186	0	0	0	188	0	0	0	0	29	54	0
MIDDLEBURY COLLEGE	2,127	0	0	0	2,044	0	0	101	0	0	42	0
NORWICH UNIVERSITY	1,688	0	0	0	1,545	0	0	0	0	0	0	0
SCHOOL FOR INTL TRAINING	152	0	0	0	152	0	0	0	0	0	0	0
ST JOSEPH COL (VT)	595	0	0	0	595	0	0	0	0	0	0	78
ST MICHAEL'S COLLEGE	713	0	0	0	635	0	0	0	0	0	0	0
STERLING INSTITUTE	35	0	0	0	35	0	0	0	0	0	0	0
TRINITY COL (VT)	1,220	0	0	0	1,220	0	0	0	0	0	0	0
UNIV OF VT & ST AGRIC COL	33,229	4,770	0	230	6,029	208	60	20,663	123	0	1,146	0
VERMONT LAW SCHOOL	171	0	0	0	171	0	0	0	0	0	0	0
VERMONT TECHNICAL COLLEGE	676	0	0	0	676	0	0	0	0	0	0	0
VIRGINIA, TOTAL	221,864	16,596	1,809	12,345	79,819	4,477	1,508	75,758	1,467	10,599	13,759	3,727
AVERETT COLLEGE	449	0	0	0	449	0	0	0	0	0	0	0
BLUE RIDGE COMMUNITY COL	136	0	0	0	136	0	0	0	0	0	0	0
BLUEFIELD COLLEGE	189	0	0	0	189	0	0	0	0	0	0	0
BRIDGEWATER COLLEGE	381	0	0	0	381	0	0	0	0	0	0	0
CENTRAL VIRGINIA CMTY COL	330	0	0	0	330	0	0	0	0	930	1,711	0
COLLEGE OF WILLIAM & MARY	5,166	0	166	570	1,556	178	55	0	0	0	0	0
COMM HOSPITAL OF ROANOKE	32	0	0	0	32	0	0	0	0	0	0	0
DABNEY LANCASTER CMTY COL	455	0	0	0	455	0	0	0	0	0	0	0
DANVILLE COMMUNITY COL	382	0	0	0	382	0	0	0	0	0	0	0
EASTERN MENNONITE COLLEGE	1,137	0	0	0	1,137	0	0	0	0	0	0	0
EASTERN SHORE CMTY COL	105	0	0	0	105	0	0	0	0	60	20	3,240
EASTERN VA MEDICAL SCHOOL	6,820	0	0	0	345	0	0	3,155	0	0	0	0
EMORY & HENRY COLLEGE	360	0	0	0	360	0	0	0	0	0	0	0
FERRUM COLLEGE	632	0	0	0	632	0	0	0	0	0	0	0
GEORGE MASON UNIVERSITY	4,038	0	0	573	2,468	0	0	383	10	14	533	55
GERMANNA COMMUNITY COL	138	0	0	0	138	0	0	0	0	0	0	0
HAMPDEN-SYDNEY COLLEGE	333	0	0	0	323	0	0	0	0	0	10	0
HAMPTON INSTITUTE	7,195	0	100	50	4,157	134	11	1,414	20	949	360	0
HOLLINS COLLEGE	313	0	0	0	306	0	0	0	0	0	7	0
J SGT REYNOLDS COM COL	1,649	0	0	0	1,611	0	0	0	38	0	0	0
JAMES MADISON UNIVERSITY	1,340	0	0	0	1,268	0	0	0	0	0	72	0
JOHN TYLER COMMUNITY COL	861	0	0	0	861	0	0	0	0	0	0	0
LIBERTY BAPTIST COLLEGE	2,228	0	0	0	2,228	0	0	0	0	0	0	0
LONGWOOD COLLEGE	990	0	0	0	921	0	0	0	0	69	0	0
LORD FAIRFAX CMTY COLLEGE	103	0	0	0	103	0	0	0	0	0	0	0
LYNCHBURG COLLEGE	562	0	0	0	562	0	0	0	0	0	0	0
MARY BALDWIN COLLEGE	279	0	0	0	279	0	0	0	0	0	0	0
MARY WASHINGTON COLLEGE	580	0	0	0	552	0	0	0	0	19	9	0
MARYMOUNT COL OF VIRGINIA	248	0	0	0	248	0	0	0	0	0	0	0
MOUNTAIN EMPIRE CMTY COL	2,129	0	0	0	2,129	0	0	0	0	0	0	0
NATIONAL BUSINESS COL	1,134	0	0	0	1,134	0	0	0	0	0	0	0
NEW RIVER COMMUNITY COL	948	0	0	0	948	0	0	0	0	0	0	0
NORFOLK STATE UNIVERSITY	7,704	0	0	100	7,015	0	0	481	0	108	0	0
NORTHERN VA COMMUNITY COL	1,930	0	0	0	1,920	0	0	10	0	0	0	0
OLD DOMINION UNIVERSITY	8,346	17	0	650	2,934	155	106	509	0	3,605	370	0
PATRICK HENRY CMTY COL	469	0	0	0	469	0	0	0	0	0	0	0
PAUL D CAMP CMTY COLLEGE	485	0	0	0	485	0	0	0	0	0	0	0
PIEDMONT VA COMMUNITY COL	382	0	0	0	382	0	0	0	0	0	76	0
RADFORD UNIVERSITY	1,763	0	0	0	1,687	0	0	0	0	0	36	0
RANDOLPH-MACON COLLEGE	253	0	0	0	217	0	0	0	0	0	20	0
RANDOLPH-MACON WOMANS COL	334	0	0	0	314	0	0	0	0	0	0	0
RAPPAHANNOCK CMTY COLLEGE	137	0	0	0	137	0	0	0	0	0	0	0
ROANOKE COLLEGE	596	0	0	0	596	0	0	0	0	0	0	0
SHENANDOAH COLLEGE	490	0	0	0	490	0	0	0	0	0	0	0
SOUTHERN SEMINARY JR COL	103	0	0	0	103	0	0	0	0	0	0	0

SEE FOOTNOTES AT END OF TABLE.

TABLE C-17. — FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES BY STATE, INSTITUTION, AND AGENCY: FISCAL YEAR 1987

(DOLLARS IN THOUSANDS)

CONTINUED

STATE & INSTITUTION	TOTAL	USDA	COM	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
VIRGINIA, CONT'D												
SOUTHSIDE VA CMTY COLLEGE	805	0	0	0	758	0	0	47	0	0	0	0
SOUTHWEST VA CMTY COL	2,063	0	0	0	2,063	0	0	0	0	0	0	0
ST PAUL'S COL (VA)	2,040	0	0	0	2,040	0	0	0	0	0	0	0
SWEET BRIAR COLLEGE	226	0	0	0	199	0	0	0	0	0	27	0
THOMAS NELSON CMTY COL	995	0	0	0	995	0	0	0	0	0	0	0
TIDEWATER COMMUNITY COL	1,360	0	0	0	1,360	0	0	0	0	0	0	0
UNIVERSITY OF RICHMOND	524	0	0	0	497	0	0	0	0	21	6	0
UNIVERSITY OF VIRGINIA	55,644	70	1,543	3,552	6,375	1,863	369	34,304	80	1,797	5,641	50
VA HIGHLANDS CMTY COLLEGE	923	0	0	0	923	0	0	0	0	0	0	0
VA POLYTECH INST & ST U	37,204	13,543	0	5,736	4,379	2,002	655	2,907	1,319	2,387	3,894	382
VIRGINIA COMMONWLTH UNIV	41,172	50	0	1,114	6,372	126	308	32,306	0	396	500	0
VIRGINIA INTERMONT COL	394	0	0	0	394	0	0	0	0	0	0	0
VIRGINIA MILITARY INST	594	0	0	0	486	0	0	65	0	14	29	0
VIRGINIA STATE UNIVERSITY	8,066	2,916	0	0	4,362	19	4	177	0	228	360	0
VIRGINIA UNION UNIVERSITY	2,635	0	0	0	2,635	0	0	0	0	0	0	0
VIRGINIA WESLEYAN COLLEGE	411	0	0	0	411	0	0	0	0	0	0	0
VIRGINIA WESTERN COMM COL	700	0	0	0	700	0	0	0	0	0	78	0
WASHINGTON & LEE UNIV	310	0	0	0	232	0	0	0	0	0	0	0
WYTHEVILLE COMMUNITY COL	1,164	0	0	0	1,164	0	0	0	0	0	0	0
WASHINGTON, TOTAL	302,009	13,623	4,318	24,649	94,369	6,997	1,344	122,495	654	4,380	29,021	199
ART INSTITUTE OF SEATTLE	998	0	0	0	998	0	0	0	0	0	0	0
BELLEVUE COMMUNITY COL	1,008	0	0	0	1,008	0	0	0	0	0	0	0
BIG BEND COMMUNITY COL	620	1	0	0	619	0	0	0	0	0	0	0
CENTRAL WASHINGTON UNIV	3,213	1	0	0	3,162	0	0	0	0	0	50	0
CENTRALIA COLLEGE	1,116	0	0	0	1,116	0	0	0	0	0	0	0
CITY COLLEGE	173	0	0	0	173	0	0	0	0	0	0	0
CLARK COLLEGE	1,643	0	0	0	1,643	0	0	0	0	0	0	0
COGSWELL COLLEGE NORTH	12	0	0	0	12	0	0	0	0	0	0	0
COLUMBIA BASIN COLLEGE	798	0	0	0	798	0	0	0	0	0	0	0
EASTERN WASHINGTON UNIV	5,020	1	0	0	4,715	0	0	158	0	138	8	0
EDMONDS COMMUNITY COLLEGE	782	0	0	0	782	0	0	0	0	0	0	0
EVERETT COMMUNITY COLLEGE	1,051	0	0	0	1,041	0	0	10	0	0	0	0
EVERGREEN STATE COLLEGE	2,624	0	0	0	2,475	0	0	0	0	0	149	0
FORT STEILACOOM CMTY COL	933	0	0	0	933	0	0	0	0	0	0	0
GONZAGA UNIVERSITY	2,765	0	0	0	2,650	0	0	0	0	25	90	0
GRAYS HARBOR COLLEGE	749	0	0	0	749	0	0	0	0	0	0	0
GREEN RIVER CMTY COLLEGE	1,297	0	0	0	1,297	0	0	0	0	0	0	0
GRIFFIN COLLEGE	1,084	0	0	0	1,084	0	0	0	0	0	0	0
HERITAGE COLLEGE	52	0	0	0	0	0	0	36	0	0	16	0
HIGHLINE COMMUNITY COL	1,291	0	0	0	1,291	0	0	0	0	0	0	0
ITT PETERSON SCH OF BUS	191	0	0	0	191	0	0	0	0	0	0	0
JOHN BASTYR COL MED	81	0	0	0	81	0	0	0	0	0	0	0
LOWER COLUMBIA COLLEGE	1,086	0	0	0	1,086	0	0	0	0	0	0	0
NW COL ASSEMBLIES OF GOD	429	0	0	0	429	0	0	0	0	0	0	0
OLYMPIC COLLEGE	800	0	0	0	800	0	0	0	0	0	0	0
PACIFIC LUTHERAN UNIV	2,174	0	0	0	2,014	0	0	150	0	0	10	0
PENINSULA COLLEGE	469	0	0	0	469	0	0	0	0	0	0	0
PUGET SND CHRISTIAN COL	96	0	0	0	96	0	0	0	0	0	0	0
SEATTLE COMMUNITY COLLEGE	5,843	0	0	0	5,830	0	0	0	0	0	0	13
SEATTLE PACIFIC UNIV	1,861	0	0	0	1,783	0	0	33	0	0	45	0
SEATTLE UNIVERSITY	2,604	0	0	10	2,537	0	0	0	0	0	57	0
SHORELINE COMMUNITY COL	928	0	0	0	928	0	0	0	0	0	0	0
SKAGIT VALLEY COLLEGE	798	0	0	0	798	0	0	0	0	0	0	0
SO PUGET SOUND CMTY COL	956	0	0	0	946	0	0	10	0	0	0	0
SPOKANE COMMUNITY COLLEGE	3,408	1	0	0	3,407	0	0	0	0	0	0	0
SPOKANE FALLS CMTY COL	3,312	0	0	0	3,312	0	0	0	0	0	0	0
ST MARTIN'S COLLEGE	454	0	0	0	424	0	0	0	0	0	30	0
TACOMA COMMUNITY COLLEGE	1,516	0	0	0	1,516	0	0	0	0	0	0	0
UNIVERSITY OF PUGET SOUND	2,378	0	0	0	2,187	0	0	0	25	0	166	0
UNIVERSITY OF WASHINGTON	202,073	2,173	4,218	23,068	19,466	6,415	1,119	116,515	456	4,099	24,544	0
WALLA WALLA COLLEGE	1,246	0	0	0	1,221	0	0	25	0	0	0	0
WALLA WALLA COMMUNITY COL	1,270	0	0	0	1,270	0	0	0	0	0	0	0
WASHINGTON STATE UNIV	30,916	11,306	100	1,571	7,596	582	168	5,516	155	118	3,658	146
WENATCHEE VALLEY COL	986	0	0	0	975	0	0	11	0	0	0	0
WESTERN WASHINGTON UNIV	4,659	140	0	0	4,246	0	57	0	18	0	198	0
WHATCOM COMMUNITY COLLEGE	467	0	0	0	467	0	0	0	0	0	0	0
WHITMAN COLLEGE	575	0	0	0	575	0	0	0	0	0	0	0
WHITWORTH COLLEGE	1,507	0	0	0	1,507	0	0	0	0	0	0	0
YAKIMA VALLEY CMTY COL	1,697	0	0	0	1,666	0	0	31	0	0	0	0
WEST VIRGINIA, TOTAL	57,499	6,956	100	724	35,633	747	355	11,524	565	236	538	121
ALDERSON BROADDUS COLLEGE	759	0	0	0	666	0	0	93	0	0	0	0
APPALACHIAN BIBLE COLLEGE	132	0	0	0	132	0	0	0	0	0	0	0
BECKLEY COLLEGE	881	0	0	0	881	0	0	0	0	0	0	0
BETHANY COLLEGE (WV)	910	0	0	0	910	0	0	0	0	0	0	0
BLUEFIELD STATE COLLEGE	1,988	0	0	0	1,988	0	0	0	0	0	0	0
CONCORD COLLEGE	2,220	0	0	0	2,220	0	0	0	0	0	0	0
DAVIS & ELKINS COLLEGE	898	0	0	0	898	0	0	0	0	0	0	0
FAIRMONT STATE COLLEGE	2,056	0	0	0	2,056	0	0	0	0	0	0	0
GLENVILLE STATE COLLEGE	1,245	0	0	0	1,245	0	0	0	0	0	0	0
HUNTINGTON JR COLLEGE	783	0	0	0	783	0	0	0	0	0	42	0
MARSHALL UNIVERSITY	6,229	0	100	30	4,574	0	0	1,483	0	0	0	0
OHIO VALLEY COLLEGE	264	0	0	0	264	0	0	0	0	0	0	0
PARKERSBURG COMMUNITY COL	688	0	0	0	688	0	0	0	0	0	0	0
POTOMAC ST COL OF WVA UN	487	0	0	0	487	0	0	0	0	0	0	0

SEE FOOTNOTES AT END OF TABLE.

TABLE C-17. — FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES BY STATE, INSTITUTION, AND AGENCY: FISCAL YEAR 1987

CONTINUED

(DOLLARS IN THOUSANDS)

STATE & INSTITUTION	TOTAL	USDA	COM	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
WEST VIRGINIA, CONT'D												
SALEM COLLEGE	1,133	0	0	0	1,133	0	0	0	0	0	0	0
SHEPHERD COLLEGE	592	0	0	0	592	0	0	0	0	0	0	0
SOUTHERN W VA CMTY COL	1,089	0	0	0	1,089	0	0	0	0	0	0	0
UNIVERSITY OF CHARLESTON	521	0	0	0	521	0	0	0	0	0	0	0
W VA COL OF GRAD STUDIES	5	0	0	0	3	0	2	0	0	0	0	0
W VA NORTHERN CMTY COL	926	0	0	0	926	0	0	0	0	0	0	0
W VA SCHL OSTEOPATHIC MED	81	0	0	0	43	0	0	38	0	0	0	0
WEST LIBERTY STATE COL	1,361	0	0	0	1,361	0	0	0	0	0	0	0
WEST VIRGINIA INST TECH	1,489	0	0	0	1,489	0	0	0	0	0	0	0
WEST VIRGINIA STATE COL	2,487	0	0	60	2,425	0	2	0	0	0	0	0
WEST VIRGINIA UNIVERSITY	26,593	6,956	0	634	6,577	747	351	9,910	565	236	496	121
WEST VIRGINIA WESLEYN COL	764	0	0	0	764	0	0	0	0	0	0	0
WHEELING COLLEGE	918	0	0	0	918	0	0	0	0	0	0	0
WISCONSIN, TOTAL	309,946	17,225	3,049	6,177	127,008	13,787	1,734	104,529	228	7,760	27,326	1,123
ALVERNO COLLEGE	837	0	0	0	837	0	0	0	0	0	0	0
BELOIT COLLEGE	840	0	0	0	722	0	0	0	0	48	70	0
BLACKHAWK TECHNICAL INST	776	0	0	0	776	0	0	0	0	0	0	0
CARDINAL STRITCH COLLEGE	398	0	0	0	382	0	0	16	0	0	0	0
CARROLL COLLEGE (WI)	1,187	0	0	0	1,187	0	0	0	0	0	0	0
CARTHAGE COLLEGE	769	0	0	0	769	0	0	0	0	0	0	0
CONCORDIA COLLEGE (WI)	590	0	0	0	590	0	0	0	0	0	0	0
DISTRICT ONE TECH INST	2,220	1	0	0	2,219	0	0	0	0	0	0	0
EDGEWOOD COLLEGE	290	0	0	0	275	0	0	0	0	0	15	0
FOX VALLEY TECHNICAL INST	1,154	0	40	0	1,114	0	0	0	0	0	0	0
GATEWAY TECHNICAL INST	1,891	0	0	0	1,891	0	0	0	0	0	0	0
INSTITUTE PAPER CHEMISTRY	70	0	0	0	0	70	0	0	0	0	0	0
LAKELAND COLLEGE	552	0	0	0	552	0	0	0	0	0	0	0
LAKESHORE TECH INSTITUTE	606	0	0	0	606	0	0	0	0	0	0	0
LAWRENCE UNIVERSITY	677	0	0	0	591	0	0	31	0	0	55	0
MADISON AREA TECH COLLEGE	2,509	0	0	0	2,509	0	0	0	0	0	0	0
MARANATHA BAPTIST BIBLE C	233	0	0	0	233	0	0	0	0	0	0	0
MARIAN COL OF FOND DU LAC	413	0	0	0	413	0	0	0	0	0	0	0
MARQUETTE UNIVERSITY	8,359	105	50	0	6,467	75	3	987	0	71	590	11
MEDICAL COLLEGE OF WIS	18,011	0	0	0	517	0	8	17,043	0	138	305	0
MID-STATE TECHNICAL INST	880	0	0	0	880	0	0	0	0	0	0	0
MILWAUKEE AREA TECH COL	7,621	0	0	0	7,477	0	0	144	0	0	0	0
MILWAUKEE INST ART & DSGN	207	0	0	0	207	0	0	0	0	0	0	0
MILWAUKEE STRATTON COL	608	0	0	0	608	0	0	0	0	0	0	0
MORAINE PARK TECH INST	721	0	0	0	721	0	0	0	0	0	0	0
MOUNT MARY COLLEGE	449	0	0	0	449	0	0	0	0	0	0	0
MOUNT SENARIO COLLEGE	1,137	0	0	0	1,137	0	0	0	0	0	0	0
NE WISCONSIN TECH INST	12	0	0	0	0	0	0	12	0	0	0	0
NICOLET COL & TECH INST	807	0	0	0	807	0	0	0	0	0	0	0
NORTH CENTRAL TECH INST	1,677	0	0	0	1,677	0	0	0	0	0	0	0
NORTHLAND COLLEGE	983	0	0	0	983	0	0	0	0	0	0	0
NORTHWESTERN COL (WI)	52	0	0	0	52	0	0	0	0	0	0	0
RIPON COLLEGE	666	0	0	0	635	0	0	0	0	0	31	0
SILVER LAKE COLLEGE	270	0	0	0	270	0	0	0	0	0	0	0
ST NORBERT COLLEGE	3,835	0	0	0	3,772	0	0	0	0	12	51	0
SW WIS VOC TECH INST	1,199	0	0	0	1,199	0	0	0	0	0	0	0
UNIV OF WIS-CENTER SYSTEM	131	8	0	0	0	0	0	0	123	0	0	0
UNIV OF WIS-EAU CLAIRE	7,262	0	0	0	6,964	0	0	128	0	0	170	0
UNIV OF WIS-GREEN BAY	1,983	0	0	0	1,956	0	27	0	0	0	0	0
UNIV OF WIS-LA CROSSE	5,308	0	0	0	5,211	0	0	0	0	0	97	0
UNIV OF WIS-MADISON	160,121	16,841	2,859	5,697	3,201	13,528	709	84,245	0	7,195	24,896	950
UNIV OF WIS-MILWAUKEE	12,784	263	0	440	9,719	114	15	1,388	0	296	480	69
UNIV OF WIS-OSHKOSH	4,970	0	0	0	4,512	0	0	250	0	0	208	0
UNIV OF WIS-PARKSIDE	2,257	0	0	40	1,926	0	0	187	0	0	104	0
UNIV OF WIS-PLATTEVILLE	3,500	2	0	0	3,498	0	0	0	0	0	0	0
UNIV OF WIS-RIVER FALLS	3,343	0	0	0	3,247	0	0	0	0	0	96	0
UNIV OF WIS-STEVENS POINT	6,897	5	0	0	6,786	0	0	30	0	0	76	0
UNIV OF WIS-STOUT	6,817	0	100	0	6,717	0	0	0	0	0	0	0
UNIV OF WIS-SUPERIOR	2,259	0	0	0	1,675	0	547	0	0	0	37	0
UNIV OF WIS-WHITEWATER	4,132	0	0	0	4,019	0	0	68	0	0	45	0
UNIV OF WISCONSIN SYS OFF	19,671	0	0	0	19,048	0	425	0	105	0	0	93
VITERBO COLLEGE	936	0	0	0	936	0	0	0	0	0	0	0
WAUKESHA COUNTY TECH INST	958	0	0	0	958	0	0	0	0	0	0	0
WESTERN WISC TECH INST	1,524	0	0	0	1,524	0	0	0	0	0	0	0
WIS INDMND VO TECH ED DIS	1,512	0	0	0	1,512	0	0	0	0	0	0	0
WISCONSIN LUTHERAN COL	90	0	0	0	90	0	0	0	0	0	0	0
WISCONSIN SCHL OF ELECS	385	0	0	0	385	0	0	0	0	0	0	0
WYOMING, TOTAL	19,809	3,220	0	1,092	8,392	620	192	1,146	1,025	512	3,547	63
CASPER COLLEGE	885	0	0	0	856	0	29	0	0	0	0	0
CENTRAL WYOMING COLLEGE	460	0	0	0	450	0	0	10	0	0	0	0
EASTERN WYOMING COLLEGE	374	0	0	0	374	0	0	0	0	0	0	0
LARAMIE COUNTY CMTY COL	571	0	0	0	571	0	0	0	0	0	0	0
NORTHWEST COMMUNITY COL	790	0	0	0	790	0	0	0	0	0	0	0
SHERIDAN COLLEGE	487	0	0	0	487	0	0	0	0	0	0	0
UNIVERSITY OF WYOMING	16,071	3,220	0	1,092	4,700	620	163	1,136	1,018	512	3,547	63
WESTERN WYOMING CMTY COL	171	0	0	0	164	0	0	0	7	0	0	0

SEE FOOTNOTES AT END OF TABLE.

TABLE C-17. — FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES BY STATE, INSTITUTION, AND AGENCY: FISCAL YEAR 1987

(DOLLARS IN THOUSANDS)

CONTINUED

STATE & INSTITUTION	TOTAL	USDA	CDN	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
GUAM, TOTAL	11,105	1,654	0	0	8,930	0	0	382	105	0	34	0
GUAM COMMUNITY COLLEGE	5,026	0	0	0	5,026	0	0	0	0	0	0	0
UNIVERSITY OF GUAM	6,079	1,654	0	0	3,904	0	0	382	105	0	34	0
PUERTO RICO, TOTAL	278,117	11,254	770	316	248,662	419	5	14,720	113	217	1,593	48
AGUADILLA REGIONAL COL	188	0	0	0	188	0	0	0	0	0	0	0
AMERICAN COLLEGE OF P R	8,878	0	0	0	8,878	0	0	0	0	0	0	0
ANTILLIAN COLLEGE	1,381	0	0	0	1,381	0	0	0	0	0	0	0
BAYAMON CENTRAL UNIV	6,377	0	0	0	6,377	0	0	0	0	0	0	0
BAYAMON TECH UNIV COLLEGE	158	0	0	0	158	0	0	0	0	0	0	0
CAGUAS CITY COLLEGE	2,844	0	0	0	2,844	0	0	0	0	0	0	0
CARIBBEAN UNIVERSITY COL	6,238	0	0	0	6,238	0	0	0	0	0	0	0
CARIBE UNIVERSITY	1,014	0	0	0	0	0	0	1,014	0	0	0	0
CATHOLIC UNIV OF P R	23,273	0	0	0	22,459	0	0	814	0	0	0	0
CENTER ADV STUD PR&CARIB	16	0	0	0	16	0	0	0	0	0	0	0
COLEGIO UNIV METROPOLITA	763	0	0	0	763	0	0	0	0	0	0	0
CONSV OF MUSIC OF P R	191	0	0	0	191	0	0	0	0	0	0	0
ELEC DATA PROC COL-P RICO	2,331	0	0	0	2,331	0	0	0	0	0	0	0
HUERTAS JUNIOR COLLEGE	1,614	0	0	0	1,614	0	0	0	0	0	0	0
INST COM DE P RICO JR COL	2,295	0	0	0	2,295	0	0	0	0	0	0	0
INST TEC COM DE P RICO	1,351	0	0	0	1,351	0	0	0	0	0	0	0
INTER AM U PR-CTRL OFF	440	0	0	0	345	0	0	95	0	0	0	0
INTER AM U PR-SAN GERMAN	80,102	0	0	0	79,810	0	0	268	0	0	24	0
INTER AMER U OF PR METROP	399	0	0	0	356	0	0	0	0	0	43	0
POLYTECH UNIV OF P R	3,400	0	0	0	3,400	0	0	0	0	0	0	0
PONCE SCHOOL OF MEDICINE	819	0	0	0	0	0	0	819	0	0	0	0
PUERTO RICO JR COL	38,182	0	0	0	38,182	0	0	0	0	0	0	0
TECH COL/MUNC OF SAN JUAN	1,480	0	0	0	1,480	0	0	0	0	0	0	0
TURABO UNIVERSITY COLLEGE	115	0	0	0	115	0	0	0	0	0	0	0
U CTRL DEL CARIBE ESC MED	1,117	0	0	0	103	0	0	1,014	0	0	0	0
U P R - CAROLINA REG COL	604	0	0	0	604	0	0	0	0	0	0	0
U P R - REGIONAL COL ADMN	53,687	0	0	0	53,687	0	0	0	0	0	0	0
UN OF PR ARECIBO TECH UN	514	0	0	0	514	0	0	0	0	0	0	0
UN OF PR PONCE TECH UNIV	189	0	0	0	184	0	5	0	0	0	0	0
UNIV OF P R-CAYEY U COL	499	0	0	0	383	0	0	116	0	0	0	0
UNIV OF P R-HUMACAO U COL	926	0	21	0	390	0	0	449	0	0	66	0
UNIV OF P R-MAYAGUEZ	13,298	11,254	649	0	174	270	0	393	0	217	294	47
UNIV OF P R-MED SCI CMPUS	6,881	0	0	12	26	0	0	6,539	0	0	304	0
UNIV OF P R-RIO PIEDRAS	3,572	0	0	304	362	0	0	2,887	0	0	18	1
UNIV OF P R, SYSTEM OFF	1,383	0	100	0	0	149	0	213	113	0	808	0
UNIV OF THE SACRED HEART	11,598	0	0	0	11,463	0	0	99	0	0	36	0
AMERICAN SAMOA, TOTAL	1,169	662	0	0	507	0	0	0	0	0	0	0
AMERICAN SAMOA CMTY COL	1,169	662	0	0	507	0	0	0	0	0	0	0
VIRGIN ISLANDS, TOTAL	4,942	1,563	0	0	3,015	0	0	144	105	0	115	0
COL OF THE VIRGIN ISLANDS	4,942	1,563	0	0	3,015	0	0	144	105	0	115	0
TRUST TERRITORY PAC ISL, TOTAL	2,955	1,290	0	0	1,665	0	0	0	0	0	0	0
CMTY COL OF MICRONESIA	889	744	0	0	145	0	0	0	0	0	0	0
MICRONESIAN OCCUP COLLEGE	176	0	0	0	176	0	0	0	0	0	0	0
NO MARIANAS COLLEGE	1,890	546	0	0	1,344	0	0	0	0	0	0	0

1/ INCLUDES DOT, AID, HUD, LABOR, AND NRC.

SOURCE: NATIONAL SCIENCE FOUNDATION, SRS

TABLE C-18. — FEDERAL OBLIGATIONS TO HISTORICALLY BLACK COLLEGES, RANKED IN DESCENDING ORDER OF TOTAL AMOUNT RECEIVED: FISCAL YEARS 1980-87 1/

(DOLLARS IN THOUSANDS)

RANK	INSTITUTION (RANKED BY AMOUNT RECEIVED IN FISCAL YEAR 1987)	1980	1981	1982	1983	1984	1985	1986	1987
	TOTAL, ALL INSTITUTIONS	423,870	413,224	493,767	371,601	570,825	535,847	576,453	621,665
1	HOWARD UNIVERSITY	166,146	153,335	177,553	144,807	180,733	163,879	169,084	166,784
2	SOUTHERN U & A&M COLLEGE	9,981	9,234	11,367	8,486	17,155	16,943	14,850	22,651
3	TUSKEGEE INSTITUTE	10,038	10,416	8,700	16,362	23,242	13,681	14,281	20,021
4	NC AG & TECH STATE UNIV	8,046	8,376	8,890	10,367	11,331	10,542	11,396	18,757
5	JACKSON STATE UNIVERSITY	12,719	7,772	10,374	4,992	10,492	11,033	16,451	14,973
6	MEHARRY MEDICAL COLLEGE	14,334	16,477	11,795	11,852	8,944	9,904	8,779	13,788
7	PRAIRIE VIEW A & M UNIV	7,306	7,709	8,745	7,108	11,421	10,966	11,713	12,456
8	FLORIDA A & M UNIVERSITY	6,208	6,442	7,566	4,508	9,132	10,481	11,376	12,341
9	TENNESSEE STATE UNIV	7,951	7,927	9,516	12,357	15,046	14,756	11,982	11,959
10	KENTUCKY STATE UNIVERSITY	4,164	4,872	4,260	5,643	5,948	5,751	5,843	11,834
	TOTAL 1ST 10 INSTITUTIONS	246,893	232,560	258,766	226,482	293,444	267,936	275,755	305,564
11	ATLANTA UNIVERSITY	1,858	2,041	2,397	3,049	3,990	5,315	8,791	11,587
12	ALABAMA A & M UNIVERSITY	6,954	4,776	5,408	5,707	8,808	8,351	9,407	10,313
13	GRAMBLING STATE UNIV	3,055	3,394	5,087	3,605	7,602	7,432	12,073	9,826
14	TEXAS SOUTHERN UNIV	4,334	4,800	9,138	3,210	6,894	5,785	7,440	8,190
15	VIRGINIA STATE UNIVERSITY	5,732	4,992	5,903	5,243	7,503	8,258	12,084	8,066
16	UNIV OF ARK PINE BLUFF	3,911	3,450	5,379	3,609	5,644	6,158	7,137	7,708
17	NORFOLK STATE UNIVERSITY	3,789	4,714	10,026	5,974	6,261	6,815	7,254	7,704
18	SOUTH CAROLINA ST COLLEGE	6,270	3,917	6,915	4,629	7,330	9,341	9,055	7,626
19	BETHUNE COOKMAN COLLEGE	2,845	2,970	4,116	1,543	4,127	4,174	5,017	7,588
20	HAMPTON INSTITUTE	4,455	4,378	5,417	3,739	6,358	5,975	6,844	7,195
	TOTAL 1ST 20 INSTITUTIONS	290,096	271,992	318,552	266,790	357,961	335,540	360,857	391,367
21	ALCORN STATE UNIVERSITY	3,953	5,635	6,510	5,032	7,433	6,867	7,755	7,178
22	FORT VALLEY STATE COLLEGE	3,179	3,230	4,723	4,827	6,612	6,393	6,822	6,634
23	XAVIER UNIVERSITY OF LA	4,088	4,316	3,889	2,330	4,812	4,959	4,847	6,573
24	ALABAMA STATE UNIVERSITY	2,475	2,505	5,583	2,026	5,193	6,044	6,561	6,523
25	MISS VALLEY STATE UNIV	3,961	2,507	3,999	1,759	4,684	4,618	5,302	6,370
26	NORTH CAROLINA CNTRL UNIV	4,297	4,505	5,780	2,601	5,747	5,542	5,706	6,176
27	MOREHOUSE SCHOOL OF MED	-	-	-	1,249	6,503	1,125	2,562	5,648
28	LINCOLN UNIVERSITY (MO)	2,690	3,429	4,235	4,272	5,148	5,384	5,389	5,189
29	UNIVERSITY OF D C	2,194	5,853	6,500	2,271	6,478	6,256	6,621	5,129
30	MORGAN STATE UNIVERSITY	3,745	2,623	4,843	2,716	5,068	5,660	5,251	4,978
	TOTAL 1ST 30 INSTITUTIONS	320,678	306,595	364,614	295,873	415,639	388,388	417,673	451,765
31	COL OF THE VIRGIN ISLANDS	1,746	2,522	2,268	2,314	1,713	2,768	2,009	4,942
32	ST AUGUSTINES COLLEGE	2,991	2,400	3,593	3,846	7,179	4,018	4,286	4,802
33	BENEDICT COLLEGE	2,403	2,797	3,252	1,920	3,411	4,793	4,207	4,691
34	COPPIN STATE COLLEGE	2,276	2,662	2,595	1,164	3,248	3,039	3,794	4,649
35	MOREHOUSE COLLEGE	4,150	3,619	3,900	1,200	2,575	6,184	2,670	4,603
36	LANGSTON UNIVERSITY	2,944	2,657	2,978	2,839	4,264	4,196	4,645	4,592
37	FLORIDA MEMORIAL COLLEGE	1,234	1,789	1,576	879	3,290	3,475	3,921	4,423
38	CENTRAL STATE UNIVERSITY	3,153	2,591	3,271	1,756	4,040	4,759	4,773	4,063
39	CLARK COLLEGE	2,773	3,374	2,860	1,772	3,910	3,626	4,477	4,059
40	FAYETTEVILLE STATE UNIV	1,465	948	3,182	1,312	4,051	3,788	4,478	4,054
	TOTAL 1ST 40 INSTITUTIONS	345,813	331,954	394,089	314,875	453,320	429,034	456,933	496,643
41	WINSTON-SALEM STATE UNIV	2,405	3,302	2,920	1,084	3,787	3,692	4,002	4,027
42	MORRIS BROWN COLLEGE	2,626	2,193	2,827	1,026	3,084	2,625	3,551	3,960
43	WILBERFORCE UNIVERSITY	2,210	3,183	3,909	2,206	4,089	3,793	4,176	3,910
44	DILLARD UNIVERSITY	2,166	3,051	2,156	1,231	2,748	3,320	3,312	3,880
45	U OF MD EASTERN SHORE	2,725	2,761	2,771	3,181	4,178	3,909	3,945	3,874
46	STILLMAN COLLEGE	1,666	1,089	1,304	584	2,267	2,503	2,422	3,605
47	DELAWARE STATE COLLEGE	1,977	2,389	2,720	2,338	2,865	2,921	3,065	3,400
48	SHAW UNIVERSITY	2,293	1,694	3,226	1,618	3,086	2,985	3,814	3,191
49	FISK UNIVERSITY	1,811	2,159	1,666	1,186	2,142	2,568	3,329	3,148
50	LINCOLN UNIVERSITY (PA)	2,050	1,315	1,839	1,416	2,986	3,595	3,377	3,016
	TOTAL 1ST 50 INSTITUTIONS	367,742	355,090	419,427	330,745	484,552	460,945	491,926	532,654

SEE FOOTNOTES AT END OF TABLE.

TABLE C-1E. — FEDERAL OBLIGATIONS TO HISTORICALLY BLACK COLLEGES, RANKED IN DESCENDING ORDER OF TOTAL AMOUNT RECEIVED: FISCAL YEARS 1980-87 1/

CONTINUED

(DOLLARS IN THOUSANDS)

RANK	INSTITUTION (RANKED BY AMOUNT RECEIVED IN FISCAL YEAR 1987)	1980	1981	1982	1983	1984	1985	1986	1987
51	ELIZABETH CITY STATE UNIV	1,788	1,700	3,875	912	2,963	2,704	3,157	3,010
52	SAVANNAH STATE COLLEGE	1,404	2,822	2,503	1,564	3,666	2,720	3,348	2,990
53	ALBANY STATE COLLEGE	1,534	2,290	3,399	2,092	3,007	2,654	3,472	2,976
54	RUST COLLEGE	1,758	2,472	2,095	1,146	1,986	3,285	3,377	2,969
55	LE MOYNE-OWEN COLLEGE	1,811	1,437	2,329	1,280	2,246	2,084	3,031	2,938
56	COAHOMA JUNIOR COLLEGE	1,005	1,591	1,866	3,268	2,564	945	314	2,932
57	JOHNSON C SMITH UNIV	2,051	1,439	2,531	1,085	2,629	3,754	3,055	2,856
58	VOORHEES COLLEGE	1,336	1,138	2,054	1,070	1,854	2,109	2,443	2,814
59	MORRIS COLLEGE	1,153	1,666	1,546	460	2,457	2,038	2,104	2,808
60	SPELMAN COLLEGE	1,296	1,951	1,623	553	2,450	2,364	2,597	2,793
	TOTAL 1ST 60 INSTITUTIONS	382,878	373,596	443,248	344,175	510,374	485,002	518,824	561,740
61	CLAFLIN COLLEGE	1,000	905	1,448	738	2,168	2,141	2,266	2,756
62	TALLADEGA COLLEGE	1,628	2,509	1,639	1,221	1,612	1,516	2,288	2,710
63	VIRGINIA UNION UNIVERSITY	1,666	1,132	2,148	887	2,555	2,115	2,738	2,635
64	TOUGALOO COLLEGE	1,880	2,826	2,253	1,364	2,265	2,474	3,082	2,630
65	LANE COLLEGE	3,024	1,133	1,958	787	2,211	2,406	2,016	2,567
66	CHEYNEY UNIV OF PENN	2,540	2,114	2,095	1,002	1,845	2,409	2,070	2,533
67	S D BISHOP ST JR COLLEGE	991	792	881	490	1,782	1,981	2,168	2,303
68	LAWSON STATE CMTY COLLEGE	1,616	1,165	2,098	1,546	2,273	1,890	2,231	2,223
69	KNOXVILLE COLLEGE	1,409	679	1,847	737	1,933	1,931	1,308	2,179
70	BENNETT COLLEGE (NC)	801	704	755	720	1,121	1,241	1,801	2,148
	TOTAL 1ST 70 INSTITUTIONS	399,433	387,595	460,370	353,667	530,139	505,106	540,792	586,424
71	PAINE COLLEGE	1,247	923	1,809	848	2,387	2,509	2,286	2,060
72	ST PAUL'S COL (VA)	744	695	1,820	716	1,433	1,486	1,659	2,040
73	EDWARD WATERS COLLEGE	939	932	3,531	992	2,196	1,769	4,935	2,025
74	BOWIE STATE COLLEGE	872	803	1,287	712	1,839	1,616	1,860	2,021
75	MILES COLLEGE	2,130	2,486	1,345	1,040	2,340	1,824	1,747	1,865
76	JARVIS CHRISTIAN COLLEGE	1,516	1,982	1,066	2,857	1,866	1,481	1,500	1,807
77	HUSTON-TILLOTSON COLLEGE	710	1,044	719	442	1,070	1,387	1,022	1,758
78	WILEY COLLEGE	833	1,077	1,263	454	1,582	1,453	1,325	1,737
79	MARY HOLMES COLLEGE	1,183	1,108	1,215	624	2,332	1,984	1,457	1,659
80	PHILANDER SMITH COLLEGE	806	1,499	927	509	1,236	1,180	1,374	1,654
	TOTAL 1ST 80 INSTITUTIONS	410,413	400,104	475,352	362,861	548,420	521,795	559,957	605,050
81	TEXAS COLLEGE	1,309	754	1,016	1,622	5,779	1,726	1,481	1,601
82	CONCORDIA COLLEGE	328	239	338	195	852	781	994	1,571
83	LIVINGSTONE COLLEGE	1,191	1,184	1,695	90	1,665	1,304	1,417	1,496
84	OAKWOOD COLLEGE	1,564	648	5,073	848	2,347	1,453	2,352	1,477
85	PAUL QUINN COLLEGE	838	1,206	1,100	2,134	1,365	1,298	1,404	1,420
86	BARBER-SCOTIA COLLEGE	751	1,019	824	444	1,232	1,102	1,266	1,296
87	SELMA UNIVERSITY	616	473	899	708	1,128	815	953	1,225
88	BISHOP COLLEGE	1,459	1,841	2,076	824	2,515	1,737	1,749	1,221
89	HINDS J CO DIST UTICA CAM	1,202	1,103	1,995	716	1,295	1,306	1,735	1,183
90	MORRISTOWN COLLEGE	348	190	332	89	624	485	757	872
	TOTAL 1ST 90 INSTITUTIONS	420,019	408,761	490,300	370,531	567,222	533,802	574,065	618,412
91	SOUTHWESTN CHRISTIAN COL	262	229	423	63	712	636	727	828
92	ARKANSAS BAPTIST COLLEGE	166	294	165	42	365	365	374	765
93	ALLEN UNIVERSITY	257	335	611	36	582	526	674	638
94	SHORTER COLLEGE	165	119	206	36	435	256	352	595
95	PRENTISS NORM & IND INST	279	287	0	257	333	205	182	320
96	INTERDENOMINA THEOL CTR	21	0	68	0	0	0	68	73
97	CLINTON JUNIOR COLLEGE	0	1	10	1	11	11	11	34
	FRIENDSHIP COLLEGE	190	174	0	-	0	0	-	-
	LOMAX-HANNON JR COLLEGE	182	131	207	164	0	0	0	0
	MISSISSIPPI INDUS COL	781	758	0	0	0	0	0	0
	TOTAL 1ST 100 INSTITUTIONS	422,322	411,089	491,990	0 371,152	569,660	535,801	576,453	621,665
	SHAW COLLEGE AT DETROIT	1,548	2,135	1,777	449	1,165	0	0	0
	U DC GA AVE & HARV ST CAM	-	-	-	-	0	44	0	0
	TOTAL 1ST 102 INSTITUTIONS	423,870	413,224	493,767	371,601	570,825	535,847	576,453	621,665

1/ INSTITUTIONS HAVING NO CURRENT YEAR OBLIGATIONS ARE LISTED IN ALPHABETICAL ORDER.

SOURCE: NATIONAL SCIENCE FOUNDATION, SRS

TABLE C-19. — FEDERAL OBLIGATIONS TO HISTORICALLY BLACK COLLEGES, RANKED IN DESCENDING ORDER OF TOTAL AMOUNT RECEIVED, BY TYPE OF ACTIVITY: FISCAL YEAR 1987

(DOLLARS IN THOUSANDS)

RANK	INSTITUTION (RANKED BY TOTAL FEDERAL OBLIGATIONS)	TOTAL, ALL ACTIVITIES	ACADEMIC SCIENCE/ENGINEERING							NON-SCIENCE/ENGINEERING
			TOTAL ACADEMIC SCIENCE/ENGINEERING	RESEARCH AND DEVELOPMENT	R&D PLANT 1/	FACILITIES FOR INSTRUCTION IN SCIENCE/ENG.	FELLOWSHIPS, TRAINEESHIPS, AND TRAINING GRANTS	GENERAL SUPPORT SCIENCE/ENGINEERING	OTHER SCIENCE/ENGINEERING	
	TOTAL, ALL INSTITUTIONS	621,665	143,830	62,953	23,130	5,294	7,825	24,313	20,315	477,835
1	HOWARD UNIVERSITY	166,784	17,676	9,173	0	5,000	523	2,860	120	149,108
2	SOUTHERN U & A&M COLLEGE	22,651	4,124	1,710	412	50	181	643	1,128	18,527
3	TUSKEGEE INSTITUTE	20,021	12,387	3,027	6,569	0	446	1,372	973	7,634
4	NC AG & TECH STATE UNIV	18,757	6,660	3,421	761	39	237	481	1,721	12,097
5	JACKSON STATE UNIVERSITY	14,973	3,247	1,827	0	0	284	1,136	0	11,726
6	MEHARRY MEDICAL COLLEGE	13,788	7,390	5,197	0	0	81	2,055	57	6,398
7	PRAIRIE VIEW A & M UNIV	12,456	5,568	2,345	1,331	0	107	162	1,623	6,888
8	FLORIDA A & M UNIVERSITY	12,341	5,206	2,526	226	0	576	1,059	819	7,135
9	TENNESSEE STATE UNIV	11,959	5,160	2,849	494	0	228	402	1,187	6,799
10	KENTUCKY STATE UNIVERSITY	11,834	3,696	1,848	272	8	103	187	1,278	8,138
TOTAL 1ST	10 INSTITUTIONS	305,564	71,114	33,923	10,065	5,097	2,766	10,357	8,906	234,450
11	ATLANTA UNIVERSITY	11,587	10,416	2,594	7,500	0	154	168	0	1,171
12	ALABAMA A & M UNIVERSITY	10,313	5,935	3,580	761	0	267	211	1,116	4,378
13	GRAMBLING STATE UNIV	9,826	420	251	0	0	109	60	0	9,406
14	TEXAS SOUTHERN UNIV	8,190	1,980	1,511	0	0	122	6	341	6,210
15	VIRGINIA STATE UNIVERSITY	8,066	3,631	1,906	492	0	187	41	1,005	4,435
16	UNIV OF ARK PINE BLUFF	7,708	3,422	1,166	422	0	178	683	973	4,286
17	NORFOLK STATE UNIVERSITY	7,704	590	143	0	0	115	232	100	7,114
18	SOUTH CAROLINA ST COLLEGE	7,626	2,607	1,189	237	0	106	290	785	5,019
19	BETHUNE COOKMAN COLLEGE	7,588	494	0	0	0	105	389	0	7,094
20	HAMPTON INSTITUTE	7,195	2,428	1,729	0	0	188	511	0	4,767
TOTAL 1ST	20 INSTITUTIONS	391,367	103,037	47,992	19,477	5,097	4,297	12,948	13,226	288,330
21	ALCORN STATE UNIVERSITY	7,178	2,784	1,338	359	0	102	0	985	4,394
22	FORT VALLEY STATE COLLEGE	6,634	3,425	1,432	666	19	105	0	1,203	3,209
23	XAVIER UNIVERSITY OF LA	6,573	1,750	210	500	0	281	759	0	4,823
24	ALABAMA STATE UNIVERSITY	6,523	679	76	0	0	143	460	0	5,844
25	MISS VALLEY STATE UNIV	6,370	872	828	0	0	0	44	0	5,498
26	NORTH CAROLINA CNTRL UNIV	6,176	1,061	344	0	0	200	517	0	5,115
27	MOREHOUSE SCHOOL OF MED	5,648	3,596	2,188	0	0	25	1,383	0	2,052
28	LINCOLN UNIVERSITY (MO)	5,189	3,570	1,447	519	0	103	183	1,318	1,619
29	UNIVERSITY OF D C	5,129	2,707	756	0	0	357	686	908	2,422
30	MORGAN STATE UNIVERSITY	4,978	1,001	517	0	50	378	0	56	3,977
TOTAL 1ST	30 INSTITUTIONS	451,765	124,482	57,128	21,521	5,166	5,991	16,980	17,696	327,283
31	COL OF THE VIRGIN ISLANDS	4,942	1,927	1,026	0	18	5	139	739	3,015
32	ST AUGUSTINES COLLEGE	4,802	309	0	0	0	0	229	80	4,493
33	BENEDICT COLLEGE	4,691	666	25	0	0	5	636	0	4,025
34	COPPIN STATE COLLEGE	4,649	311	0	0	0	0	311	0	4,338
35	MOREHOUSE COLLEGE	4,603	136	43	0	46	0	47	0	4,467
36	LANGSTON UNIVERSITY	4,592	2,268	1,100	291	0	116	0	761	2,324
37	FLORIDA MEMORIAL COLLEGE	4,423	0	0	0	0	0	0	0	4,423
38	CENTRAL STATE UNIVERSITY	4,063	300	0	0	0	113	107	80	3,763
39	CLARK COLLEGE	4,059	734	92	0	0	0	642	0	3,325
40	FAYETTEVILLE STATE UNIV	4,054	386	0	0	0	0	386	0	3,668
TOTAL 1ST	40 INSTITUTIONS	496,643	131,519	59,414	21,812	5,230	6,230	19,477	19,356	365,124
41	WINSTON-SALEM STATE UNIV	4,027	667	91	0	0	8	568	0	3,360
42	MORRIS BROWN COLLEGE	3,960	339	0	339	0	0	0	0	3,621
43	WILBERFORCE UNIVERSITY	3,910	30	0	0	0	30	0	0	3,880
44	DILLARD UNIVERSITY	3,880	364	41	0	0	66	257	0	3,516
45	U OF MD EASTERN SHORE	3,874	2,160	1,152	221	16	103	63	605	1,714
46	STILLMAN COLLEGE	3,605	263	0	0	0	87	176	0	3,342
47	DELAWARE STATE COLLEGE	3,400	1,621	461	333	0	102	431	294	1,779
48	SHAW UNIVERSITY	3,191	90	0	0	0	19	71	0	3,101
49	FISK UNIVERSITY	3,148	1,065	443	0	0	118	504	0	2,083
50	LINCOLN UNIVERSITY (PA)	3,016	699	351	0	0	113	175	60	2,317
TOTAL 1ST	50 INSTITUTIONS	532,654	138,817	61,953	22,705	5,246	6,876	21,722	20,315	393,837

SEE FOOTNOTES AT END OF TABLE.

TABLE C-19. — FEDERAL OBLIGATIONS TO HISTORICALLY BLACK COLLEGES, RANKED IN DESCENDING ORDER OF TOTAL AMOUNT RECEIVED, BY TYPE OF ACTIVITY: FISCAL YEAR 1987

CONTINUED

(DOLLARS IN THOUSANDS)

RANK	INSTITUTION (RANKED BY TOTAL FEDERAL OBLIGATIONS)	TOTAL, ALL ACTIVITIES	ACADEMIC SCIENCE/ENGINEERING							NON-SCIENCE/ENGINEERING
			TOTAL ACADEMIC SCIENCE/ENGINEERING	RESEARCH AND DEVELOPMENT	R&D PLANT 1/	FACILITIES FOR INSTRUCTION IN SCIENCE/ENG.	FELLOWSHIPS, TRAINEESHIPS, AND TRAINING GRANTS	GENERAL SUPPORT SCIENCE/ENGINEERING	OTHER SCIENCE/ENGINEERING	
51	ELIZABETH CITY STATE UNIV	3,010	0	0	0	0	0	0	0	3,010
52	SAVANNAH STATE COLLEGE	2,990	160	19	0	0	87	54	0	2,830
53	ALBANY STATE COLLEGE	2,976	271	97	0	0	0	174	0	2,705
54	RUST COLLEGE	2,969	151	55	0	0	0	96	0	2,818
55	LE MOYNE-OWEN COLLEGE	2,938	13	13	0	0	0	0	0	2,925
56	COAHOMA JUNIOR COLLEGE	2,932	31	0	0	0	31	0	0	2,901
57	JOHNSON C SMITH UNIV	2,856	399	0	0	18	114	267	0	2,457
58	VOORHEES COLLEGE	2,814	341	48	0	0	0	293	0	2,473
59	MORRIS COLLEGE	2,808	0	0	0	0	0	0	0	2,808
60	SPELMAN COLLEGE	2,793	637	215	0	0	199	223	0	2,156
TOTAL 1ST	60 INSTITUTIONS	561,740	140,820	62,400	22,705	5,264	7,307	22,829	20,315	420,920
61	CLAFLIN COLLEGE	2,756	52	52	0	0	0	0	0	2,704
62	TALLADEGA COLLEGE	2,710	656	0	0	0	188	468	0	2,054
63	VIRGINIA UNION UNIVERSITY	2,635	0	0	0	0	0	0	0	2,635
64	TOUGALOO COLLEGE	2,630	299	0	0	0	174	125	0	2,331
65	LANE COLLEGE	2,567	9	0	0	0	9	0	0	2,558
66	CHEYNEY UNIV OF PENN	2,533	0	0	0	0	0	0	0	2,533
67	S D BISHOP ST JR COLLEGE	2,303	203	0	0	0	0	203	0	2,100
68	LAWSON STATE CMTY COLLEGE	2,223	0	0	0	0	0	0	0	2,223
69	KNOXVILLE COLLEGE	2,179	7	7	0	0	0	0	0	2,172
70	BENNETT COLLEGE (NC)	2,148	253	40	0	0	139	74	0	1,895
TOTAL 1ST	70 INSTITUTIONS	586,424	142,299	62,499	22,705	5,264	7,817	23,699	20,315	444,125
71	PAINE COLLEGE	2,060	74	44	0	30	0	0	0	1,986
72	ST PAUL'S COL (VA)	2,040	425	0	425	0	0	0	0	1,615
73	EDWARD WATERS COLLEGE	2,025	0	0	0	0	0	0	0	2,025
74	BOWIE STATE COLLEGE	2,021	130	130	0	0	0	0	0	1,891
75	MILES COLLEGE	1,865	0	0	0	0	0	0	0	1,865
76	JARVIS CHRISTIAN COLLEGE	1,807	0	0	0	0	0	0	0	1,807
77	HUSTON-TILLOTSON COLLEGE	1,758	47	0	0	0	0	47	0	1,711
78	WILEY COLLEGE	1,737	0	0	0	0	0	0	0	1,737
79	MARY HOLMES COLLEGE	1,659	0	0	0	0	0	0	0	1,659
80	PHILANDER SMITH COLLEGE	1,654	242	0	0	0	0	242	0	1,412
TOTAL 1ST	80 INSTITUTIONS	605,050	143,217	62,673	23,130	5,294	7,817	23,988	20,315	461,833
81	TEXAS COLLEGE	1,601	0	0	0	0	0	0	0	1,601
82	CONCORDIA COLLEGE	1,571	0	0	0	0	0	0	0	1,571
83	LIVINGSTONE COLLEGE	1,496	0	0	0	0	0	0	0	1,496
84	OAKWOOD COLLEGE	1,477	75	75	0	0	0	0	0	1,402
85	PAUL QUINN COLLEGE	1,420	8	0	0	0	8	0	0	1,412
86	BARBER-SCOTIA COLLEGE	1,296	0	0	0	0	0	0	0	1,296
87	SELMA UNIVERSITY	1,225	407	141	0	0	0	266	0	818
88	BISHOP COLLEGE	1,221	123	64	0	0	0	59	0	1,098
89	HINDS J CO DIST UTICA CAM	1,183	0	0	0	0	0	0	0	1,183
90	MORRISTOWN COLLEGE	872	0	0	0	0	0	0	0	872
TOTAL 1ST	90 INSTITUTIONS	618,412	143,830	62,953	23,130	5,294	7,825	24,313	20,315	474,582
91	SOUTHWESTN CHRISTIAN COL	828	0	0	0	0	0	0	0	828
92	ARKANSAS BAPTIST COLLEGE	765	0	0	0	0	0	0	0	765
93	ALLEN UNIVERSITY	638	0	0	0	0	0	0	0	638
94	SHORTER COLLEGE	595	0	0	0	0	0	0	0	595
95	PRENTISS WORM & IND INST	320	0	0	0	0	0	0	0	320
96	INTERDENOMINA THEOL CTR	73	0	0	0	0	0	0	0	73
97	CLINTON JUNIOR COLLEGE	34	0	0	0	0	0	0	0	34
TOTAL 1ST	97 INSTITUTIONS	621,665	143,830	62,953	23,130	5,294	7,825	24,313	20,315	477,835

1/ SEE TECHNICAL NOTES, SCOPE OF SURVEY.

SOURCE: NATIONAL SCIENCE FOUNDATION, SRS

TABLE C-20. — FEDERAL OBLIGATIONS TO HISTORICALLY BLACK COLLEGES, RANKED IN DESCENDING ORDER OF TOTAL AMOUNT RECEIVED, BY AGENCY: FISCAL YEAR 1987

(DOLLARS IN THOUSANDS)

RANK	INSTITUTION (RANKED BY AMOUNT RECEIVED)	TOTAL	USDA	CDM	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
	TOTAL, ALL INSTITUTIONS	621,665	58,444	459	4,318	476,326	10,906	602	52,792	345	8,259	8,303	911
1	HOWARD UNIVERSITY	166,784	4	60	271	153,044	130	178	10,138	0	875	2,032	52
2	SOUTHERN U & A&M COLLEGE	22,651	2,348	0	100	18,527	52	8	714	0	627	275	0
3	TUSKEGEE INSTITUTE	20,021	8,879	0	500	6,578	200	0	2,965	0	804	75	20
4	NC AG & TECH STATE UNIV	18,757	4,587	0	212	12,160	194	0	658	0	316	276	354
5	JACKSON STATE UNIVERSITY	14,973	13	0	82	11,994	930	0	1,142	0	151	521	140
6	MEHARRY MEDICAL COLLEGE	13,788	0	0	440	1,270	75	0	9,789	0	0	2,214	0
7	PRAIRIE VIEW A & M UNIV	12,456	5,074	0	80	6,557	0	5	440	0	225	75	0
8	FLORIDA A & M UNIVERSITY	12,341	2,035	0	232	6,898	182	0	2,512	0	461	21	0
9	TENNESSEE STATE UNIV	11,959	3,318	0	0	6,838	0	6	1,339	0	178	280	0
10	KENTUCKY STATE UNIVERSITY	11,334	3,281	0	0	8,298	0	0	27	0	0	228	0
TOTAL 1ST 10 INSTITUTIONS		305,564	29,539	60	1,917	232,164	1,763	197	29,724	0	3,637	5,997	566
11	ATLANTA UNIVERSITY	11,587	16	80	779	1,391	7,789	0	1,161	0	371	0	0
12	ALABAMA A & M UNIVERSITY	10,313	3,156	0	290	4,526	386	9	330	0	1,331	285	0
13	GRAMBLING STATE UNIV	9,826	0	0	0	9,554	138	6	128	0	0	0	0
14	TEXAS SOUTHERN UNIV	8,190	0	0	0	6,483	101	0	1,255	0	16	335	0
15	VIRGINIA STATE UNIVERSITY	8,066	2,916	0	0	4,362	19	4	177	0	228	360	0
16	UNIV OF ARK-PINE BLUFF	7,708	2,426	0	180	4,566	0	3	475	0	58	0	0
17	NORFOLK STATE UNIVERSITY	7,704	0	0	100	7,015	0	0	481	0	108	0	0
18	SOUTH CAROLINA ST COLLEGE	7,626	2,236	0	0	5,203	0	4	183	0	0	0	0
19	BETHUNE COOKMAN COLLEGE	7,588	0	0	0	7,094	0	0	494	0	0	0	0
20	HAMPTON INSTITUTE	7,195	0	100	50	4,157	134	11	1,414	20	949	360	0
TOTAL 1ST 20 INSTITUTIONS		391,367	40,289	240	3,316	286,515	10,330	234	35,822	20	6,698	7,337	566
21	ALCORN STATE UNIVERSITY	7,178	2,704	0	80	4,394	0	0	0	0	0	0	0
22	FORT VALLEY STATE COLLEGE	6,634	3,209	0	150	3,209	0	3	44	0	0	19	0
23	XAVIER UNIVERSITY OF LA	6,573	0	100	90	4,826	0	58	1,464	0	35	0	0
24	ALABAMA STATE UNIVERSITY	6,523	0	0	0	5,844	0	0	603	0	0	76	0
25	MISS VALLEY STATE UNIV	6,370	728	100	0	5,498	0	0	44	0	0	0	0
26	NORTH CAROLINA CNTRL UNIV	6,176	29	0	62	5,320	63	27	675	0	0	0	0
27	MOREHOUSE SCHOOL OF MED	5,648	0	0	0	0	0	68	5,580	0	0	0	0
28	LINCOLN UNIVERSITY (MO)	5,189	3,317	0	70	1,619	0	0	183	0	0	0	0
29	UNIVERSITY OF D C	5,129	1,481	0	120	2,582	0	4	613	107	212	9	1
30	MORGAN STATE UNIVERSITY	4,978	0	0	0	3,977	0	0	207	0	594	125	75
TOTAL 1ST 30 INSTITUTIONS		451,765	51,757	440	3,888	323,784	10,393	394	45,235	127	7,539	7,566	642
31	COL OF THE VIRGIN ISLANDS	4,942	1,563	0	0	3,015	0	0	144	105	0	115	0
32	ST AUGUSTINES COLLEGE	4,802	0	0	80	4,682	0	0	40	0	0	0	0
33	BENEDICT COLLEGE	4,691	0	0	0	4,025	0	5	636	0	0	0	25
34	COPPIN STATE COLLEGE	4,649	0	0	0	4,489	0	0	160	0	0	0	0
35	MOREHOUSE COLLEGE	4,603	0	0	0	4,417	0	0	97	39	0	50	0
36	LANGSTON UNIVERSITY	4,592	2,206	0	0	2,324	0	0	13	49	0	0	0
37	FLORIDA MEMORIAL COLLEGE	4,423	0	0	0	4,423	0	0	0	0	0	0	0
38	CENTRAL STATE UNIVERSITY	4,063	0	0	80	3,763	0	0	220	0	0	0	0
39	CLARK COLLEGE	4,059	0	0	0	3,648	92	0	319	0	0	0	0
40	FAYETTEVILLE STATE UNIV	4,054	0	0	0	3,722	0	0	332	0	0	0	0
TOTAL 1ST 40 INSTITUTIONS		496,643	55,526	440	4,048	362,292	10,485	399	47,196	320	7,539	7,731	667
41	WINSTON-SALEM STATE UNIV	4,027	0	0	0	3,475	29	8	515	0	0	0	0
42	MORRIS BROWN COLLEGE	3,960	0	0	0	3,960	0	0	0	0	0	0	0
43	WILBERFORCE UNIVERSITY	3,910	0	0	0	3,880	0	30	0	0	0	0	0
44	DILLARD UNIVERSITY	3,880	41	0	0	3,516	0	66	257	0	0	0	0
45	U OF MD EASTERN SHORE	3,874	1,681	0	0	1,752	0	0	0	25	40	376	0
46	STILLMAN COLLEGE	3,605	0	0	0	3,392	0	0	213	0	0	0	0
47	DELAWARE STATE COLLEGE	3,400	1,196	0	0	1,706	0	0	498	0	0	0	0
48	SHAW UNIVERSITY	3,191	0	0	0	3,021	0	6	164	0	0	0	0
49	FISK UNIVERSITY	3,148	0	0	0	2,308	99	0	397	0	194	0	150
50	LINCOLN UNIVERSITY (PA)	3,016	0	0	190	2,396	0	76	200	0	60	0	94
TOTAL 1ST 50 INSTITUTIONS		532,654	58,444	440	4,238	391,698	10,613	585	49,440	345	7,833	8,107	911

SEE FOOTNOTES AT END OF TABLE.

TABLE C-20. — FEDERAL OBLIGATIONS TO HISTORICALLY BLACK COLLEGES, RANKED IN DESCENDING ORDER OF TOTAL AMOUNT RECEIVED, BY AGENCY: FISCAL YEAR 1987

CONTINUED

(DOLLARS IN THOUSANDS)

RANK	INSTITUTION (RANKED BY AMOUNT RECEIVED)	TOTAL	USDA	COM	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 1/
51	ELIZABETH CITY STATE UNIV	3,010	0	0	0	3,010	0	0	0	0	0	0	0
52	SAVANNAH STATE COLLEGE	2,990	0	19	0	2,878	0	0	93	0	0	0	0
53	ALBANY STATE COLLEGE	2,976	0	0	0	2,705	0	0	174	0	0	97	0
54	RUST COLLEGE	2,969	0	0	0	2,818	0	0	151	0	0	0	0
55	LE MOYNE-OWEN COLLEGE	2,938	0	0	0	2,925	0	0	0	0	0	13	0
56	COAHOMA JUNIOR COLLEGE	2,932	0	0	0	2,901	31	0	0	0	0	0	0
57	JOHNSON C SMITH UNIV	2,856	0	0	0	2,457	0	0	381	0	0	18	0
58	VOORHEES COLLEGE	2,814	0	0	0	2,687	48	0	79	0	0	0	0
59	MORRIS COLLEGE	2,808	0	0	0	2,808	0	0	0	0	0	0	0
60	SPELMAN COLLEGE	2,793	0	0	80	2,053	0	0	326	0	296	38	0
TOTAL 1ST	60 INSTITUTIONS	561,740	58,444	459	4,318	418,940	10,692	585	50,644	345	8,129	8,273	911
61	CLAFLIN COLLEGE	2,756	0	0	0	2,704	52	0	0	0	0	0	0
62	TALLADEGA COLLEGE	2,710	0	0	0	2,307	0	0	403	0	0	0	0
63	VIRGINIA UNION UNIVERSITY	2,635	0	0	0	2,635	0	0	0	0	0	0	0
64	TOUGALOO COLLEGE	2,630	0	0	0	2,152	0	0	478	0	0	0	0
65	LANE COLLEGE	2,567	0	0	0	2,558	0	9	0	0	0	0	0
66	CHEYNEY UNIV OF PENN	2,533	0	0	0	2,533	0	0	0	0	0	0	0
67	S D BISHOP ST JR COLLEGE	2,303	0	0	0	2,117	0	0	186	0	0	0	0
68	LAWSON STATE CMTY COLLEGE	2,223	0	0	0	2,223	0	0	0	0	0	0	0
69	KNOXVILLE COLLEGE	2,179	0	0	0	2,172	7	0	0	0	0	0	0
70	BENNETT COLLEGE (NC)	2,148	0	0	0	1,805	14	0	329	0	0	0	0
TOTAL 1ST	70 INSTITUTIONS	586,424	58,444	459	4,318	442,146	10,765	594	52,040	345	8,129	8,273	911
71	PAINE COLLEGE	2,060	0	0	0	1,986	0	0	44	0	0	30	0
72	ST PAUL'S COL (VA)	2,040	0	0	0	2,040	0	0	0	0	0	0	0
73	EDWARD WATERS COLLEGE	2,025	0	0	0	2,025	0	0	0	0	0	0	0
74	BOWIE STATE COLLEGE	2,021	0	0	0	1,891	0	0	0	0	130	0	0
75	MILES COLLEGE	1,865	0	0	0	1,814	0	0	51	0	0	0	0
76	JARVIS CHRISTIAN COLLEGE	1,807	0	0	0	1,807	0	0	0	0	0	0	0
77	HUSTON-TILLOTSON COLLEGE	1,758	0	0	0	1,758	0	0	0	0	0	0	0
78	MILEY COLLEGE	1,737	0	0	0	1,737	0	0	0	0	0	0	0
79	MARY HOLMES COLLEGE	1,659	0	0	0	1,659	0	0	0	0	0	0	0
80	PHILANDER SMITH COLLEGE	1,654	0	0	0	1,461	0	0	193	0	0	0	0
TOTAL 1ST	80 INSTITUTIONS	605,050	58,444	459	4,318	460,324	10,765	594	52,328	345	8,259	8,303	911
81	TEXAS COLLEGE	1,601	0	0	0	1,601	0	0	0	0	0	0	0
82	CONCORDIA COLLEGE	1,571	0	0	0	1,571	0	0	0	0	0	0	0
83	LIVINGSTONE COLLEGE	1,496	0	0	0	1,496	0	0	0	0	0	0	0
84	OAKWOOD COLLEGE	1,477	0	0	0	1,402	0	0	75	0	0	0	0
85	PAUL QUINN COLLEGE	1,420	0	0	0	1,412	0	8	0	0	0	0	0
86	BARBER-SCOTIA COLLEGE	1,296	0	0	0	1,296	0	0	0	0	0	0	0
87	SELMA UNIVERSITY	1,225	0	0	0	818	141	0	266	0	0	0	0
88	BISHOP COLLEGE	1,221	0	0	0	1,098	0	0	123	0	0	0	0
89	HINDS J CO DIST UTICA CAM	1,183	0	0	0	1,183	0	0	0	0	0	0	0
90	MORRISTOWN COLLEGE	872	0	0	0	872	0	0	0	0	0	0	0
TOTAL 1ST	90 INSTITUTIONS	618,412	58,444	459	4,318	473,073	10,906	602	52,792	345	8,259	8,303	911
91	SOUTHWESTN CHRISTIAN COL	828	0	0	0	828	0	0	0	0	0	0	0
92	ARKANSAS BAPTIST COLLEGE	765	0	0	0	765	0	0	0	0	0	0	0
93	ALLEN UNIVERSITY	638	0	0	0	638	0	0	0	0	0	0	0
94	SHORTER COLLEGE	595	0	0	0	595	0	0	0	0	0	0	0
95	PRENTISS NORM & IND INST	320	0	0	0	320	0	0	0	0	0	0	0
96	INTERDENOMINA THEOL CTR	73	0	0	0	73	0	0	0	0	0	0	0
97	CLINTON JUNIOR COLLEGE	34	0	0	0	34	0	0	0	0	0	0	0
TOTAL 1ST	97 INSTITUTIONS	621,665	58,444	459	4,318	476,326	10,906	602	52,792	345	8,259	8,303	911

1/ INCLUDES DOT, AID, HUD, LABOR, AND NRC.

SOURCE: NATIONAL SCIENCE FOUNDATION, SRS

TABLE C-21. — FEDERAL OBLIGATIONS TO SYSTEMS OF UNIVERSITIES AND COLLEGES BY AGENCY: FISCAL YEAR 1987 1/

(DOLLARS IN THOUSANDS)

SYSTEMS OF UNIVERSITIES AND COLLEGES (RANKED BY TOTAL FEDERAL OBLIGATIONS)	RANK	TOTAL	USDA	CDN	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 2/
TOTAL, ALL SYSTEMS		3,565,736	296,153	42,494	278,924	984,838	150,760	26,631	1234,552	14,971	95,815	401,905	38,693
UNIVERSITY OF CALIFORNIA SYSTEM	1	684,448	24,849	4,333	63,981	51,755	34,613	1,657	358,198	844	23,404	113,556	7,258
UNIVERSITY OF TEXAS SYSTEM	2	246,227	255	302	41,902	25,115	11,485	1,277	141,844	388	6,748	16,612	299
UNIVERSITY OF WISCONSIN SYSTEM	3	219,569	17,957	3,903	10,183	66,831	14,158	1,823	71,501	246	7,557	24,642	768
UNIVERSITY OF NORTH CAROLINA SYSTEM	4	175,338	27,106	2,232	6,658	45,592	2,282	5,110	68,272	248	1,636	12,894	3,308
COLUMBIA UNIVERSITY SYSTEM	5	161,688	124	237	12,428	13,920	13,989	185	90,375	808	2,640	26,474	508
STATE UNIVERSITY OF NEW YORK SYSTEM	6	159,784	728	2,218	5,025	60,031	4,338	2,100	59,589	6	2,044	23,609	96
UNIVERSITY OF ILLINOIS SYSTEM	7	157,493	18,417	1,208	15,077	22,547	11,087	2,252	43,110	376	3,025	37,458	2,936
UNIVERSITY SYSTEM OF GEORGIA	8	145,049	20,270	362	41,955	38,852	4,222	2,056	19,159	787	2,707	10,467	4,212
STATE UNIVERSITY SYSTEM OF FLORIDA	9	131,747	16,014	2,502	9,648	37,584	11,390	1,179	37,075	307	2,123	13,814	111
OREGON STATE HIGHER EDUCATION SYSTEM	10	111,795	11,635	2,799	5,053	37,127	4,044	756	30,470	967	770	16,527	1,647
UTAH HIGHER EDUCATION SYSTEM	11	107,563	5,042	25	18,858	26,171	3,977	746	38,800	1,126	2,415	10,403	0
UNIVERSITY OF MARYLAND SYSTEM	12	101,278	10,432	3,011	13,631	15,181	7,518	895	27,697	327	6,813	15,288	485
UNIVERSITIES & STATE COL OF ARIZONA SYSTEM	13	99,906	5,804	302	12,085	23,375	1,061	1,253	30,549	536	8,182	16,029	730
CALIFORNIA STATE UNIVERSITY & COLLEGES SYSTEM	14	96,295	119	170	1,777	74,820	698	243	8,981	0	3,290	6,197	0
TEXAS A&M UNIVERSITY SYSTEM	15	74,537	32,522	2,008	5,511	10,325	6,091	512	5,948	368	1,809	8,617	826
UNIVERSITY OF ALABAMA SYSTEM	16	73,469	0	0	1,825	12,251	606	6	52,611	257	3,125	1,993	795
UNIVERSITY OF PUERTO RICO SYSTEM	17	69,937	11,440	717	90	45,029	295	2	11,395	109	117	743	0
INTER AMERICAN UNIV OF PUERTO RICO SYSTEM	18	59,81-	0	0	0	59,185	0	0	561	0	0	68	0
UNIVERSITY OF TENNESSEE SYSTEM	19	59,785	15,002	0	1,993	10,714	9,026	364	19,002	109	777	2,581	217
LOUISIANA STATE UNIVERSITY SYSTEM	20	57,097	11,057	7,071	1,723	12,139	1,399	381	18,904	776	436	3,152	59
UNIVERSITY OF MISSOURI SYSTEM	21	54,072	16,009	509	1,202	14,611	683	35	13,512	1,209	381	3,998	1,923
CITY UNIVERSITY OF NEW YORK SYSTEM	22	51,174	0	0	966	264	1,326	515	42,300	0	382	5,421	0
UNIVERSITY OF HAWAII SYSTEM	23	48,035	4,691	3,857	2,390	9,217	2,408	55	9,659	785	5,650	7,229	2,094
UNIVERSITY OF NEBRASKA SYSTEM	24	46,089	9,866	140	1,080	11,862	504	83	9,993	333	222	4,441	7,565
STATE UNIV & CNTY COL SYSTEM OF TENNESSEE	25	39,448	3,504	80	155	31,812	132	0	2,834	0	456	165	310
UNIVERSITY OF ARKANSAS SYSTEM	26	38,270	13,744	0	705	14,491	148	151	5,552	180	62	1,289	1,948
FUNDACION EDUCATIVA G MENDEZ SYSTEM	27	29,451	0	0	0	29,451	0	0	0	0	0	0	0
UNIVERSITY OF MAINE SYSTEM	28	27,417	5,137	112	150	18,163	362	197	911	169	46	2,095	75
STATE SYSTEM OF HIGHER EDUCATION	29	27,118	0	0	0	26,701	0	6	0	0	0	411	0
SOUTHERN ILLINOIS UNIVERSITY SYSTEM	30	21,386	126	55	269	14,870	1,100	20	4,012	269	69	596	0
MONTANA UNIVERSITY SYSTEM	31	20,100	5,357	63	317	9,437	90	453	1,688	415	248	1,907	125
STATE UNIVERSITY SYSTEM OF MINNESOTA	32	19,169	0	0	0	18,783	0	3	0	0	0	382	1
UNIVERSITY OF NEVADA SYSTEM	33	18,177	3,008	700	210	5,841	263	1,825	2,665	2,110	420	1,049	86
UNIVERSITY OF ALASKA SYSTEM	34	17,994	2,506	1,541	737	3,544	483	96	379	803	1,848	6,057	0
UNIVERSITY OF HOUSTON SYSTEM	35	16,900	55	0	950	6,672	660	268	3,075	,0	1,538	3,565	117
VIRGINIA COMMUNITY COLLEGE SYSTEM	36	16,328	0	0	0	16,328	0	0	0	0	0	0	0
UNIVERSITY OF NEW HAMPSHIRE SYSTEM	37	15,571	3,376	2,037	390	1,820	270	5	1,462	109	4,503	1,411	188
MASSACHUSETTS COMMUNITY COLLEGE SYSTEM	38	12,899	0	0	0	12,741	0	0	158	0	0	0	0
MASSACHUSETTS STATE COLLEGE SYSTEM	39	10,694	0	0	0	10,694	0	0	0	0	0	0	0
MINNESOTA COMMUNITY COLLEGE SYSTEM	40	10,618	0	0	0	10,615	0	0	0	0	0	0	3
UNIVERSITY OF SOUTH DAKOTA SYSTEM	41	6,054	0	0	0	4,975	0	0	1,035	0	0	44	0
UNIVERSITY OF SOUTH TEXAS SYSTEM	42	4,804	1	0	0	4,558	0	0	224	4	0	17	0
WASHINGTON STATE CNTY COL DISTRICT 17 SYSTEM	43	4,467	0	0	0	4,467	0	0	0	0	0	0	0
CLAREMONT COLLEGES SYSTEM	44	3,732	0	0	0	2,494	0	72	276	0	186	704	0
TROY STATE UNIVERSITY SYSTEM	45	3,372	0	0	0	3,187	0	0	185	0	0	0	0
COMMUNITY COLLEGE OF DENVER SYSTEM	46	2,710	0	0	0	2,660	0	50	0	0	0	0	0
MESA COUNTY JUNIOR COLLEGE DISTRICT SYSTEM	47	1,410	0	0	0	1,333	0	0	77	0	0	0	0
WEST VALLEY JOINT COMMUNITY COL SYSTEM	48	873	0	0	0	873	0	0	0	0	0	0	0
CONTRA COSTA COMMUNITY COLLEGE DISTRICT SYSTEM	49	829	0	0	0	829	0	0	0	0	0	0	0
BECKER JUNIOR COLLEGE SYSTEM	50	690	0	0	0	690	0	0	0	0	0	0	0
MARICOPA COUNTY COMMUNITY COLLEGE SYSTEM	51	571	0	0	0	568	0	0	0	0	0	0	3
SAN MATEO COMMUNITY COLLEGE SYSTEM	52	555	0	0	0	555	0	0	0	0	0	0	0
CALIFORNIA SCHOOL OF PROF PSYCHOLOGY SYSTEM	53	448	0	0	0	238	0	0	210	0	0	0	0
WESTERN STATE UNIVERSITY COLLEGE OF LAW SYSTEM	54	447	0	0	0	447	0	0	0	0	0	0	0
DALLAS COUNTY COMMUNITY COLLEGE SYSTEM	55	401	0	0	0	401	0	0	0	0	0	0	0

SEE FOOTNOTES AT END OF TABLE.

TABLE C-21. — FEDERAL OBLIGATIONS TO SYSTEMS OF UNIVERSITIES AND COLLEGES BY AGENCY: FISCAL YEAR 1987 1/

(DOLLARS IN THOUSANDS)

— CONTINUED

SYSTEMS OF UNIVERSITIES AND COLLEGES (RANKED BY TOTAL FEDERAL OBLIGATIONS)	RANK	TOTAL	USDA	CDM	DOD	ED	DOE	EPA	HHS	INT	NASA	NSF	OTHER 2/
LOS ANGELES COMMUNITY COLLEGE SYSTEM	56	262	0	0	0	2	0	0	260	0	0	0	0
FOOTHILL-DEANZA COMMUNITY COL DISTRICT SYSTEM	57	186	0	0	0	0	0	0	0	0	186	0	0
PERALTA COMMUNITY COLLEGE SYSTEM	58	96	0	0	0	0	52	0	44	0	0	0	0
SAN DIEGO DISTRICT COMMUNITY COLLEGES SYSTEM	59	93	0	0	0	93	0	0	0	0	0	0	0
VENTURA COUNTY COMMUNITY COL DISTRICT SYSTEM	60	7	0	0	0	7	0	0	0	0	0	0	0

1/ INCLUDES OBLIGATIONS TO EVERY INDIVIDUAL INSTITUTION INCLUDED WITHIN EACH SYSTEM.

2/ INCLUDES DOT, AID, HUD, LABOR, AND NRC.

SOURCE: NATIONAL SCIENCE FOUNDATION, SRS

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